CONSTRUCTION NEWS

Supplement to ENGINEERING NEWS.

New York, July 6, 1905.

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CONSTRUCTION NEWS.

PLANS AND SPECIFICATIONS ON FILE.

The following Plans (P.), Specifications (S), and Bidding Sheets (B. S.) may be seen at the office of The Engineering News Publishing Co., 220 Broadway, New York:

Bids close	Work.	Place.	On file.	See issue.
July				
	*7—Bridge..Reading, Pa	P. & S.		6-29
	*6—Light plant, w.-w..Arcanum, O.	P. & S.		6-29
	*7—Conduit..Chicago, Ill.	P. & S.		6-29
	*11—Paving, brick..Peekskill, N. Y.	S.		6-15
	15—Chimney..Pensacola, Fla.	S.		6-22
	15—Coaling plant..Pensacola, Fla.	S.		6-1
	15—Paving..Boston, Mass.	S.		6-15
	15—Power house..Pensacola, Fla.	S.		6-29
	*17—Paving..Bridgeport, Conn.	S.		6-22
	*25—Sewerage system..Laurens, S. C.	S.		6-29
	29—Dredging..Bremerton, Wash.	S.		6-29
	29—Grading & filling..N Orleans, La.	S.		6-22
Aug.				7- 6
	5—Joiner shop..Puget Sound, Wash.	S.		6-29
	*8—Water-works..Columbia, S. C.	S.		6-29
	*17—Dike..Los Angeles, Cal.	P. & S.		6-29
	26—Coaling plant..Philippines	S.		6-22
Sept.				5- 4
	1—Steel manufacture..New S. Wales.	S.		3-23
	—Library..New Orleans, La.	S.		7- 6

*Work advertised in Engineering News.

NOTE.—We are desirous of securing specifications and bidding sheets (and plans when not too bulky) of pending work for file in our New York office for the benefit of contractors or others who may be interested in the work. If more sets than one are sent us we shall be pleased to distribute these to contractors who ask for them. When the work is advertised in Engineering News a note that the plans are filed with us will be added to the advertisement without cost.

LIST OF CONTRACTS PENDING.

Bids close.	Work.	Place.	See Issue.

LIGHT, HEAT AND POWER PLANTS

July 6. Gas lighting, W. Minneapolis, Minn. ..... June 29
July 6. Electric plant, Arcanum, O. ..... June 29
Advertised, Eng. News, June 29 and July 6.
July 12. Apparatus, etc., Pittsburg, Kan. ..... June 29
Advertised, Eng. News, June 29 and July 6.
July 15. Power plant, Pensacola, Fla. ..... June 22
July 20. Electric plant impvt., Fayetteville, N. C. ..... July 6
July 21. Conduit, ets., Kansas City, Mo. ..... July 6
Advertised, Eng. News, July 6 and 13.
Aug. 24. Gas plant, Ft. Wayne, Ind. ..... July 6
Advertised, Eng. News, July 6 and 13.
No date. Power dam, etc., Charlestown, W. Va. ..... June 29
Advertised, Eng. News, June 29 and July 6.

BRIDGES.

July 6. Bridge, Weaverville, Cal. ..... June 22
July 6. Bridges, steel, Alpharetta, Ga. ..... June 29
July 6. Bridge, Pikeville, Ky. ..... June 29
July 6. Bridge, Redding, Cal. ..... June 22
July 6. Bridges, Lawrenceville, Ga. ..... May 25
July 7. Bridge, Reading, Pa. ..... June 1
Advertised, Eng. News, June 29. ..... June 29
July 7. Bridge, Yreka, Cal.
July 8. Bridge, steel, Independence, Mo. ..... June 29
July 8. Bridge, Portland, Me. ..... June 29
Advertised, Eng. News, June 15 to July 13. ..... June 15
July 8. Bridges, Terre Haute, Ind.
July 8. Culvert, concrete, Portsmouth, O. ..... June 15
July 8. Bridge, steel, Rockport, Ind. ..... July 6
July 8. Bridge, Detroit, Mich. ..... July 6
July 10. Arch, Sandusky, O. ..... July 6
July 10. Bridge, Port Clinton, O. ..... June 29
July 10. Bridge, steel, Wellington, Kan. ..... June 29
July 10. Approach, Williamsport, Ind. ..... June 29
July 11. Bridge, steel, Castlewood, S. Dak. ..... June 29
July 12. Piers and abutments, Providence, R. I. ..... June 8
Advertised, Eng. News, June 29 and July 6.
July 14. Bridges, Owen Sound, Ont. ..... June 29
July 14. Arch, Cleveland, O. ..... June 22
July 15. Bridge, Menominee, Wis. ..... July 6
Advertised, Eng. News, July 6. ..... July 6
July 15. Bridges, Fargo, N. Dak. ..... July 6
July 17. Bridge, Binghamton, N. Y. ..... July 6
Advertised, Eng. News, July 6 and 13.
July 18. Concrete arches, Anderson, Ind. ..... June 29
July 19. Bridge, Marietta, O. ..... June 29
July 19. Bridge, substructure, Hartford, Conn. ..... July 6
Advertised, Eng. News, July 6.
July 19. Bridge, superstructure, Hartford, Conn. ..... July 6
Advertised, Eng. News, July 6.
July 20. Bridge, Charleston, W. Va. ..... July 6
Advertised, Eng. News, July 6.
July 21. Bridge, Mt. Idaho, Idaho. ..... July 6

BUILDINGS.

July 6. Capitol building, Montgomery Ala. ..... June 1
July 8. School, Poland, O. ..... June 22
July 10. Court-house, Wallace, Idaho. ..... June 22
July 10. School, New York, N. Y. ..... June 29
July 10. Building, Indianapolis, Ind. ..... June 29
July 10. Office building, Baltimore, Md. ..... July 6
July 10. Hospital, Philadelphia, Pa. ..... July 6
July 11. Heating and ventilating, Ironton, O. ..... June 29
July 11. School, Indianapolis, Ind. ..... June 29
July 11. Hospital, Goshen, Ind. ..... June 8
July 11. Wiring, Lincoln, Neb. ..... June 15
July 12. Heating apparatus, Deadwood, S. Dak. ..... June 15
July 12. Engine house, Bucyrus, O. ..... June 29
July 14. Building repairs, Buffalo, N. Y. ..... July 6
July 14. School plans, Springfield, Mass. ..... July 6
July 15. Jail, Ladysmith, Wis. ..... June 22
July 15. Building, Pensacola, Fla. ..... June 15
July 17. School, Harshman, O. ..... June 29
July 18. Schools, Youngstown, O. ..... June 29
July 18. Buildings, Wahpeton, N. Dak. ..... June 15
July 20. Court-house, Manhattan, Kan. ..... June 29
July 20. Custom-house, San Francisco, Cal. ..... June 8
Advertised, Eng. News, June 1 and 8.
July 22. Hospital, New Orleans, La. ..... June 15
Advertised, Eng. News, June 15 and 22.
July 24. Post-office, Fargo, N. Dak. ..... June 22
Advertised, Eng. News, June 22 and 29.
July 24. School, Morning Sun, Ia. ..... June 29
July 25. Post-office, Muncie, Ind. ..... June 22
July 26. Post-office, Spartanburg, S. C. ..... June 22
July 27. Buildings, Fort Totten, N. Dak. ..... June 29
July 27. Heating, etc., Kansas City, Mo. ..... July 6
Advertised, Eng. News, July 6 and 13.
July 29. Jail, Newport, Ark. ..... July 6
Advertised, Eng. News, July 6 and 13.
July 29. Buildings, West Point, N. Y. ..... July 6
Advertised, Eng. News, July 6 to Aug. 3.
Aug. 1. School, Port Arthur, Tex. ..... July 6
Aug. 1. Library, Louisville, Ky. ..... July 6
Aug. 1. Gymnasium, Washington, D. C. ..... July 6
Aug. 5. Joiner shop (Mfg. Plants), Puget Sound Wash. ..... July 6
Aug. 7. Post-office, Adrian, Mich. ..... June 29
Aug. 9. Library, Bloomington, Ind. ..... June 29
Aug. 9. Building, etc., Chicago, Ill. ..... June 29
Aug. 14. Court-house, Cedartown, Ga. ..... June 22
Sept. 14. Hotel, Little Rock, Ark. ..... July 6
Sept. 14. Hotel, Little Rock, Ark. ..... July 6
..... June 22

WATER SUPPLY AND IRRIGATION.

July 7. Water main, Halsted, Minn. ..... June 22
July 7. Water-works, Cookeville, Tenn. ..... July 6
July 7. Pump-house, etc., Belding, Mich. ..... July 6
July 10. Water-works, Whittier, Cal. ..... June 29
July 11. Water-works improvements, Tama, Ia. ..... June 29
July 11. Artesian well, Redfield, S. Dak. ..... June 29
July 11. Water-works, Slatington, Pa. ..... June 29
Advertised, Eng. News, June 29 and July 6.
July 11. Pumping engine, etc., Clinton, Minn. ..... July 6
July 14. Deep well, Kewanee, Ill. ..... July 6
Advertised, Eng. News, July 6.
July 17. Water-works, Bishopville, S. C. ..... June 8
Advertised, Eng. News, June 22 to July 20.
July 18. Mains, reservoir, Havre, Mont. ..... June 22
July 19. Pumps, engines, etc., Washington, D. C. ..... June 22
July 19. Pumps, New York, N. Y. ..... June 29
July 19. Reservoir, Rochester, N. Y. ..... July 6
Advertised, Eng. News, July 6 and 13.
Aug. 1. Water-works, Cincinnati, O. ..... July 6
Advertised, Eng. News, July 6 to 27.
Aug. 7. Pumping plant, Winnipeg, Man. ..... July 6
Advertised, Eng. News, July 6 to 20.
Aug. 8. Water-works, Columbia, S. C. ..... June 29
Advertised, Eng. News, June 29 to July 27.

SEWERAGE.

July 6. Water sewer, Waco, Tex. ..... June 29
July 6. Tile sewer, Buffalo, N. Y. ..... June 29
July 6. Sewer, Columbus, Ind. ..... June 29
Advertised, Eng. News, June 29.
July 7. Sewers, Abilene, Kan. ..... June 15
Advertised, Eng. News, June 15.
July 7. Sewers, Rock Falls, Ill. ..... July 6
July 8. Sewers, Marshall, Minn. ..... June 29
July 8. Sewers, Seattle, Wash. ..... June 29
July 8. Sanitary sewers, Macon, Ga. ..... June 22
July 10. Sewer, Boone, Ia. ..... July 6
July 10. Sewers, Omaha, Neb. ..... July 6
July 10. Pipe sewer, Tuckaloosa, Ala. ..... July 6
July 10. Sewer, Covington, Ky. ..... July 6
July 10. Sewer, Albion, Mich. ..... July 6
July 10. Sewers, Sistersville, W. Va. ..... July 6
July 11. Sewers, Altoona, Pa. ..... July 6
July 11. Sewers, etc., Franklin, Ind. ..... June 29
July 11. Sanitary sewer, Ashland, Wis. ..... June 29
July 12. Sewers, St. Bernard, O. ..... June 29
July 12. Sewers, Mamaroneck, N. Y. ..... June 22
Advertised, Eng. News, June 22 to July 13.
July 17. Sewerage system, Groton, S. Dak. ..... June 29
July 17. Sewers, Westfield, Mass. ..... June 29
Advertised, Eng. News, June 29.
July 17. Sewers, New Britain, Conn. ..... July 6
Advertised, Eng. News, July 6 and 13.
July 17. Sewers, West Lafayette, Ind. ..... July 6
July 17. Sewer, Washington, D. C. ..... July 6
July 17. Sewers, Corinth, Miss. ..... July 6
July 21. Sewer, Utica, N. Y. ..... July 6
Advertised, Eng. News, June 15 to July 20.
July 22. Sewers, Ogden, Utah. ..... June 15
July 24. Sewage, Washington, D. C. ..... June 29
Advertised, Eng. News, July 6 and 13.
July 25. Sewers, Tampa, Fla. ..... July 6
Advertised, Eng. News, July 6 to 27.
July 25. Sewers, Laurens, S. C. ..... June 29
Advertised, Eng. News, June 29 to July 20.
Aug. 1. Sewer, Washington, D. C. ..... July 6
Advertised, Eng. News, July 6 to Aug. 3.
Aug. 5. Sewers, Alliance, O. ..... June 29
No date. Sewer, North Platte, Neb. ..... June 29
Advertised, Eng. News, June 29.

STREETS AND ROADS.

July 6. Roads, Pittsburg, Pa. ..... June 29
July 6. Paving, asphalt, New York, N. Y. ..... June 29
July 6. Gravel, New York, N. Y. ..... June 29
July 6. Paving, Charlotte, Mich. ..... June 29
July 7. Paving, asphalt, Des Moines, Ia. ..... June 29
July 7. Paving, asphalt, Buffalo, N. Y. ..... June 29
July 7. Road, Roselle, N. J. ..... June 29
July 7. Grading, etc., Monroe, Wis. ..... June 22
July 7. Road, Vincennes, Ind. ..... June 22
July 8. Grading, Seattle, Wash. ..... June 22
July 8. Paving and sewers, Seattle, Wash. ..... June 29
July 8. Road, Harrisburg, Pa. ..... June 29
July 8. Paving, Beloit, Wis. ..... June 29
July 8. Paving, bitulithic, Logansport, Ind. ..... July 6
July 10. Paving, Sisterville, W. Va. ..... July 6
July 10. Paving, Long Island City, N. Y. ..... June 29
July 10. Walks, Long Island City, N. Y. ..... June 29
July 10. Cement walks, Wabash, Ind. ..... June 29
July 11. Paving, Ashland, O. ..... June 29
July 11. Grading, Cleveland Heights, O. ..... June 29
July 11. Paving, brick, Peekskill, N. Y. ..... June 22
Advertised, Eng. News, June 22.
July 12. Stone road, Freehold, N. J. ..... June 22
Advertised, Eng. News, June 22 to July 13.
July 12. Roads, Providence, R. I. ..... June 29
July 12. Cement walks, Dayton, O. ..... July 6
July 14. Paving and curbing, Clarinda, La. ..... June 29
Advertised, Eng. News, June 29.
July 15. Road, Crown Point, Ind. ..... June 29
July 15. Paving, Boston, Mass. ..... June 29
July 15. Paving, vitrified brick, Seattle, Wash. ..... July 6
July 17. Roads, St. Paul, Minn. ..... July 6
July 17. Paving, asphalt, Mt. Vernon, Ind. ..... July 6
July 17. Macadamizing, Delaware, O. ..... July 6
July 17. Paving, Bridgeport, Conn. ..... June 29
Advertised, Eng. News, June 29 and July 6.
July 19. Grading, Hartford, Conn. ..... July 6
Advertised, Eng. News, July 6.
July 20. Stone, Washington, D. C. ..... June 22
Advertised, Eng. News, June 22 to July 20.
July 21. Paving, brick, Creston, Ia. ..... July 6
July 24. Macadamizing, Flemington, N. J. ..... July 6
July 25. Paving, vitrified brick, Tampa, Fla. ..... July 6
Advertised, Eng. News, July 6 to 27.
July 25. Crushed stone, Wilmington, N. C. ..... July 6
July 26. Walks, Lincoln, Ill. ..... July 6
July 27. Roads and walks, Ft. De Soto, Fla. ..... July 6
July 27. Paving, Rhinelander, Wis. ..... July 6
July 27. Paving, Xenia, O. ..... July 6
July 29. Grading and filling, New Orleans, La. ..... June 29
Aug. 8. Paving, Shreveport, La. ..... July 6
Advertised, Eng. News, June 29 to Aug. 10. ..... June 29
No date. Graveling, Grand Rapids, Mich. ..... June 29
No date. Cement walks, Osceola, Ia. ..... June 29

MISCELLANEOUS CONTRACTS.

July 6. Grass sod, gravel, New York, N. Y. ..... June 29
July 6. Dredging, Wilmington, Del. ..... June 8
Advertised, Eng. News, June 8 to July 6.
July 7. Pier, New York, N. Y. ..... June 29
July 7. Metal work, Philadelphia, Pa. ..... June 15
Advertised, Eng. News, June 15 and 22.
July 7. Conduit, Chicago, Ill. ..... June 15
Advertised, Eng. News, June 15 to July 6.
July 8. Jetty extension, Newport, R. I. ..... June 15
Advertised, Eng. News, June 15 and 22.
July 8. Dredging, Newport, R. I. ..... June 15
Advertised, Eng. News, June 15 and 22.
July 8. Stonework, Buffalo, N. Y. ..... July 6
July 10. Levee, Greenville, Miss. ..... July 6
Advertised, Eng. News, July 6.
July 10. Concrete work, tresling, etc., Atlanta, Birmingham & Atlantic Ry. ..... July 6
Advertised, Eng. News, July 6.
July 10. Miscellaneous supplies, Washington, D. C. ..... June 15
Advertised, Eng. News, June 15 to July 13.
July 10. Boiler, Wilmington, Del. ..... June 15
Advertised, Eng. News, June 15 to July 13.
July 10. Steam dredge, Spain. ..... Apr. 27
July 11. Iron, lumber, valves, etc., Wash., D. C. ..... June 29
July 12. Dredging, etc., Jacksonville, Fla. ..... June 15
Advertised, Eng. News, June 15 to July 13.
July 12. Dredging, Portland, Me. ..... June 15
Advertised, Eng. News, June 15 to July 13.
July 14. Dredging, Boston, Mass. ..... June 15
Advertised, Eng. News, June 15 to July 13.
July 14. Dredging, Mobile, Ala. ..... June 22
Advertised, Eng. News, June 22 to July 20.
July 14. Telephone apparatus, Washington, D. C. ..... July 6
July 15. Pitch, oil, etc., Washington, D. C. ..... July 6
July 15. Brick chimney, Pensacola, Fla. ..... June 15
July 15. Coaling plant, Pensacola, Fla. ..... June 15
July 17. Valves, steam whistles, etc., Wash., D. C. ..... June 15
Advertised, Eng. News, June 15 to July 13.
July 17. Railway construction, Africa. ..... Apr. 27
July 17. Wire, rope, etc., Memphis, Tenn. ..... June 22
Advertised, Eng. News, June 22 to July 20.
July 17. Dredging, Philadelphia, Pa. ..... June 22
Advertised, Eng. News, June 22 to July 20.
July 18. Supplies, Washington, D. C. ..... July 22
July 18. Steel, Washington, D. C. ..... June 22
July 18. Track bolts, spikes, etc. ..... June 22
July 18. Lamps, wire, motors, etc., Wash., D. C. ..... June 29
July 18. Ties, rails, spikes, etc., Washington, D. C. ..... June 29
July 20. Dredging, Norfolk, Va. ..... June 29
Advertised, Eng. News, June 29 and July 13.
July 20. Wreck removal, Charleston, S. C. ..... June 22
Advertised, Eng. News, June 22 to July 20.
July 20. Dredging, Hawaii ..... June 22
Advertised, Eng. News, June 22 to July 27.
July 21. Machinery, Pittsburg, Pa. ..... June 29
July 22. Dredging, Boston, Mass. ..... June 29
Advertised, Eng. News, June 29 to July 27.
July 24. Excavation, etc., Portland, Ore. ..... June 29
Advertised, Eng. News, June 29 to July 27.
July 24. Destructor, Washington, D. C. ..... June 29
Advertised, Eng. News, June 29 to July 27.
July 25. Dredging, Chicago, Ill. ..... June 29
Advertised, Eng. News, June 29 to July 27.
July 27. Barges, Washington, D. C. ..... June 29
Advertised, Eng. News, June 29 to July 27.
July 29. Cement, sand, tile, etc., Wash., D. C. ..... June 29
July 29. Dredging, Bremerton, Wash. ..... June 22
July 29. Grading and filling, New Orleans, La. ..... July 6
July 31. Cement, Glendive, Mont. ..... July 6
Advertised, Eng. News, July 6 to 27.
July 31. Steel lock gates, Pittsburg, Pa. ..... July 6
Advertised, Eng. News, July 6 to 27.
July 31. Air compressors, etc., Washington, D. C. ..... July 6
Advertised, Eng. News, July 6 to 27.
July 31. Wharf, etc., Detroit, Mich. ..... July 6
July 31. Concrete, ry. wk., Florida East Coast Ry. ..... June 22
Advertised, Eng. News, June 22 to July 27.
Aug. 1. Spikes, nails, etc., Washington, D. C. ..... July 6
Aug. 1. Light-house, Mobile, Ala. ..... July 6
Advertised, Eng. News, July 6 to 27.
Aug 2. Dredging, Savannah, Ga. ..... July 6
Advertised, Eng. News, July 6 to 27.
Aug. 3. Dredging, Norfolk, Va. ..... July 6
Advertised, Eng. News, July 6 to 20.
Aug. 17. Dike, Los Angeles, Cal. ..... June 22
Advertised, Eng. News, June 22 to Aug. 3.
Aug. 26. Coaling plant, Philippines ..... May 4
Sept. 1. Steel manufacture, New South Wales. ..... Mar. 23
Advertised, Eng. News, Mar. 30 to June 29.
Apr. 2, 1906. Port works, Chile ..... Apr. 27
Advertised, Eng. News, Apr. 27 to Jan 25.
Nov. 1. Railroads, Philippines ..... June 15

RAILWAYS.

The names of parties awarded contracts are printed in capital letters.

ALABAMA.—It is reported that the Enterprise Lumber Co., of Atlanta, Ga., is promoting a plan to build a railroad from Dothan, Ala., to Saint Andrews Bay, Fla., a distance of about 100 miles. H. M. Steele is Pres. of Enterprise Co. Contract, according to Atlanta "Constitution," will be let to B. H. HARDAWAY, of Columbus, Ga. Subscriptions are being raised. Est. cost of construction is placed at $10,000 a mile.

ATLANTA, BIRMINGHAM & ATLANTIC.—Bids will be received between July 10 and July 20 for approximately 9,000 yds. of concrete arches, piers and abutments between Montezuma, Ga., and the Chattahoochee River, about eight miles west of Lagrange. Separate bids will also be received at the same time for approximately 2,500,000 ft. B. M. of trestling, to be built between Paschal, Ga., and Chattahoochee River. Alex. Bonnyman, Ch. Engr., at Oglethorpe, Ga. (Advertised, Engineering News).

BALTIMORE & OHIO.—Improvements will be made near Alberton, Md., in grade reductions, etc.

BUFFALO, LAKE ERIE & NIAGARA.—This company has been incorporated in New York state with capital stock of $4,000,000. It will build a railway line, 27 miles long, from Buffalo via Hamburg, West Seneca, Cheektowaga, Amherst and Tonawanda to terminal at Black Rock, Buffalo. The directors for the first year are Clarence M. Bushnell, J. Henry Metcalf, Clarence McGregor, James T. Driscoll, John J. O'Brian, Sidney H. Gurnee, Frederick G. Bagley, Harvey W. Putnam and Fred. B. Wilber. It will be a standard-gage railroad.

CHICAGO & NORTHWESTERN.—KILPATRICK BROS. & COLLINS, of Beatrice, Neb., have been awarded the contract for building 100 miles of extension from Casper, Wyo., to Poison Creek, in the Shoshone Indian reservation. E. C. Carter, Chicago, is Ch. Engr.

COLORADO, WYOMING & IDAHO.—This company has filed articles of incorporation in Idaho, with an authorized capital stock of $10,000,000, to build a railroad from Denver, Colo., to Laramie, Wyo., and thence west to Saint Anthony and Boise, Idaho. Incorporators: W. R. West, of Laramie, Wyo.; E. S. Chenowith, McCracken, Kan.; Ora Haley, Laramie, Wyo.; Joseph Underwood, Chicago; Frank H. Stuart, Boston; Augustus Ruffner, Chicago, and J. S. Christian, Danville, Ill.

CALDWELL & NORTHERN.—It is said that surveys have been made for an extension of the line from Mortimer to Butler, Tenn., 57 miles. A line has also been run from Mortimer to Spruce Pine, N. C., 52 miles. J. R. Ervin, Lenoir, N. C., is Ch. Engr.; L. T. Nichols, Chester, S. C., is Mgr.

GULF TERMINAL.—The Gulf Terminal Co. has been incorporated in Alabama to build and operate a union passenger station at Mobile, Ala., and also to build and operate a terminal railway. The incorporators are officers of the Mobile & Ohio Railroad and of the Southern Railway. They are E. L. Russell, first vice-Pres. of the Mobile & Ohio R. R. Co.; Fairfax Harrison, assistant to the president Southern Railway, Washington, D. C.; R. V. Taylor, Gen. Mgr. Mobile & Ohio, Mobile; Henry Tacon, Treas. Mobile & Ohio; S. R. Prince, assistant counsel. The officers are: E. L. Russell, Pres.; C. H. Ackert, vice-Pres. of the Southern Railway, vice-Pres.; Henry Tacon, Secy. and Treas.; A. H. Plant, Auditor.

GEORGIA.—The Carrollton (Ga.) Board of Trade will undertake to build a railroad westward via Bowdon, which is about ten miles from Carrollton, and thence to Gold Ridge, Ala. The Central of Georgia Railway is interested. H. M. Steele is Ch. Engr. of the Central Ry., at Savannah, Ga.

GREAT NORTHERN.—Sub-contracts have been let by SIMS & SHIELDS, St. Paul, Minn., the general contractors, for the extension from Sioux City, Ia., to Ashland, Neb., as follows: To CALLAHAN BROS. and PHELAN & SHIRLEY, of Omaha, Neb., 50 miles; to OWENS & LOVELACE, of Ashland, Neb., ten miles. The extension will be 103 miles long.

LONG ISLAND R. R.—Acting Secretary of War Oliver has approved the application of the New York and Long Island Railway Co. for permission to construct a tunnel from the foot of 42d St., New York, across the East River to the foot of Fifth St., Long Island City. Either one tunnel with two tracks or two tunnels with one track each is permitted under the authorization. Permission also was given to sink a shaft at Man-o'-War Reef at the southern end of Blackwell's Island.

MUSKOGEE & TEXAS.—Incorporated in Oklahoma to build a railroad from Cushing, Okla., to Honey Grove, Tex., 250 miles, passing through Payne County, Oklahoma, through the Creek Nation to Muskogee, Ind. T., thence through the Creek and Cherokee Nations to Porum, Ind. T., and thence through the Choctaw Nation and Texas to Honey Grove. Capital stock, $400,000. Incorporators: Horace Speed and Thomas J. Lowe, of Guthrie, Okla.; Walter Eaton, Henry G. Baker and Norman R. Haskell, of Muskogee, Ind. T.

MARYLAND.—Tentative plans are reported to have been prepared by the engineering department of the Pennsylvania R. R. Co. in collaboration with Baltimore & Ohio R. R. Co. for an 8-mile double-track freight line around city of Baltimore, connecting with the track of the Philadelphia, Baltimore & Washington Railroad at Stemmers Run on the southeast and at Frederick Road Station on the southwest. W. H. Brown is Ch. Engr., of Pennsylvania, at Philadelphia. Estimated cost, $3,000,000.

MISSISSIPPI CENTRAL.—A $5,000,000 bond issue is reported as being negotiated by this company for the completion of the Silver Creek-Brookhaven, Miss., extension. The WORTHINGTON CONSTRUCTION CO., of Birmingham, Ala., has general contract. M. H. McCabe, Hattiesburg, Miss., is Gen. Supt.

NEW YORK.—We are informed that A. W. Stump, 26 Broadway, New York, desires the addresses of large railroad contractors and sub-contractors; also desires that they state their plant, capital and experience, as he may want their estimates on large railroad contracts.

NORTHERN PACIFIC.—A. GUTHRIE & CO., of Saint Paul, Minn., have been awarded the contract for 15 miles of grade reduction work near Cabinet, Idaho. Cost, $500,000.

OCONEE COUNTY.—This company has applied for a charter in South Carolina to build a railroad 12 miles long from Westminster via Oakway to Fair Play, to be operated by steam or electricity. Incorporators: W. P. Anderson and William Bibb, of Westminster, S. C.; J. W. Shelor, of Walhalla; J. J. Hailey, James Bates and L. A. Edwards, of Oakway; W. L. Thomas, of Tugalo; J. D. Sheldon, E. C. Marett and J. R. Heller, of Fair Play, and J. W. Shirley, of Townville.

PENNSYLVANIA R. R.—Bids have been received by W. H. Brown, Ch. Engr., for grading, masonry work and track laying for completion of four-track system between Beatty and Greensburg, Pa. This work will comprise 44,000 lin. ft. of track-laying, 700,000 cu. yds. of excavation, 1,000 cu. yds. of culvert masonry, 1,000 cu. yds. of bridge masonry, 50,000 lbs. of cast-iron drain pipe. This makes one division of the work, including, as it does, about three miles of the main line. Bids are also received on 30,700 lin. ft. of track-laying, 400,000 cu. yds. of excavation, 500 cu. yds. of culvert masonry, 300 cu. yds. of overhead bridge masonry, and 50,000 lbs. of cast iron drain pipe. The two contracts amount to about 15 miles of track-laying, to make up from five to six miles of the new line. Bids for the change of line and yard on the Princeton branch, near the Delaware and Raritan canal, involving about 100 000 cu. yds. of excavation and 17,000 ft. of track-laying, have also been received.

SANGAMON VALLEY.—Company has been incorporated in Illinois with a capital stock of $2,500 to build a railroad from Decatur via Shelbyville, Moweaqua, Taylorville, Mount Auburn, Mechanicsburg, Clear Lake, Springfield, Petersburg, Oakford, Chandlerville, Beardstown, Rushville and Mount Sterling to Quincy. Branches will also extend from Springfield to Talula, and from Petersburg via Fancy Prairie, Sweet Water and Greenview to Lincoln. Another branch will extend from Springfield to Grafton via Pleasant Plains, Ashland, Jacksonville, Winchester and Pittsfield. The incorporators and first board of directors are: John E. Melick, George M. Skelly, James S. Sutton, Charles T. Bisch and Cyrus F. Morrow, of Springfield, Ill.

STONE CANYON RY.—Incorporated in California with capital stock of $300,000, by J. A. Chanslor, W. A. Sloan, W. G. Stafford, I. W. Hellman, Jr., and E. W. Mason. Co. is to construct a road 21 miles long, commencing at a point on the Southern Pacific line near San Miguel, and running northerly through San Luis Obispo and Monterey Counties to Nelson Creek.

TEXAS.—A statement of steam railroad mileage constructed in Texas during the past six months ending June 30, 1905, and also for year ending June 30, 1905, is as follows: Railroad mileage constructed in Texas during the six months ending June 30, 1905—St. Louis, Brownsville & Mexico, between Robstown and Refugio, 29.8; St. Louis, Brownsville & Mexico, from Bay City south, 17; Nacogdoches Southeastern Ry., from Nacogdoches east, 5.5; Jasper & Eastern Ry., Kirbyville to Sabine River, 17.5; Panhandle & Gulf Ry., from Sweetwater north, 13.8; Texas & Gulf Ry., Timpson south, 15; total, 98.6 miles. Railroad mileage constructed in Texas during the year ending June 30, 1905—St. Louis, Brownsville & Mexico Ry., Hidalgo Branch, 47.6; Robstown to Refugio, 42.8; Bay City south, 17. Texas & Gulf Ry., Timpson south, 15; Panhandle & Gulf Ry., Sweetwater north, 13.8; Nacogdoches Southeastern Ry., Nacogdoches east, 12; Jasper & Eastern Ry., Kirbyville east, 17.5; total, 165.7. Railroad mileage in operation in Texas on June 30, 1904, as is shown by the annual report of the Railroad Commission for 1904, 11,536.1. Total railroad mileage constructed in Texas on June 30, 1905, 11,701.8. Railroad mileage contracted for and under actual construction on June 30, 1904, in Texas—Orange & Northwestern R. R., Buna to Newton, 31 miles; St. Louis, Brownsville & Mexico Ry., Refugio to 17 miles west of Bay City, 80; Bay City to Algoa, 60; total, 171. Railroad mileage now being surveyed and projected for construction in Texas during the near future—Trinity & Brazos Valley, Mexia to Houston, 155 miles; Cleburne to Ft. Worth, 28 miles; St. Louis, Brownsville & Mexico Ry., Kingsville to San Antonio, 150 miles; San Antonio & Gulf Ry., Stockdale to Cuero, 42 miles; Panhandle & Gulf Ry., Red River to San Angelo (K. C., M. & O. Ry.), 225 miles; Ft. Worth & Rio Grande, Brady to San Antonio, 155 miles; Beaumont, Sour Lake & Western Ry., Sour Lake to Houston, 65 miles; total, 820 miles.

WESTERN MARYLAND.—MICHAEL ELMORE, of Cumberland, Md., has been awarded contract to improve the roadbed between Big Pool and Williamsport, Md. Cost, $500,000.

ELECTRIC RAILWAYS.

The names of parties awarded contracts are printed in capital letters.

FITCHBURG, MASS.—The Fitchburg & Princeton Street Ry. Co. has been organized to build from Fitchburg, through Westminster to Princeton, about six miles. Capital stock, $60,000. Directors are Henry W. Warren Holden; Henry C. Delano, Princeton; H. C. Beaman, Princeton; John H. Daniels, Fitchburg; John H. Shea, Fitchburg; A. R. Clapp, Wellesley Hills; Charles C. Milton, Worcester.

NEW CANAAN, CONN.—The Legislature has passed a bill incorporating the New Canaan Street Ry. Co. Capital stock, $500,000. It is authorized to construct and operate a street railway in New Canaan and Norwalk, Conn., and in Pound Ridge and Lewisboro, N. Y. The incorporators are William Wardwell, John E. Bliss, Charles B. Keeler, Frederick A. Palmer, Junius Benedict, C. N. Scoville, J. F. Silliman and T. Roberts, of New Canaan; and Lester Hyatt, Frank H. Merrill, Reed G. Haviland and W. F. Acton, of Norwalk.

GLASTONBURY, CONN.—The East Hartford & Glastonbury St. Ry. Co. will increase its capital stock. Time for building its line in Glastonbury has been extended to July 1, 1907.

MIDDLETOWN, CONN.—The Hartford, Middletown & New Haven Ry. Co. has been incorporated to build a street railway from Hartford to New Haven. It will run through the towns of Wethersfield, Rocky Hill, Cromwell, Middletown, Middlefield, Durham, North Branford and Guilford. Capital stock, $500,000. F. D. Haines, of Middletown; L. D. Parker and G. C. F. Williams, of Hartford, are named as incorporators.

YONKERS, N. Y.—Common Council has voted to grant franchise to the Bronx, Yonkers & White Plains Ry. Co. William C. Shires is representative of the company. See June 29.

NEW YORK, N. Y.—The Interborough Rapid Transit Co. has filed applications for large extensions of its original routes. Lines are to be operated by the overhead trolley system. The Union Ry. Co. has filed applications for about 22 miles of new extensions in the Bronx Borough. George H. Pegram, 21 Park Row, is Ch. Engr. interborough Co. The Union Ry. Co. is controlled by the New York City Ry. Co., of which M. G. Starrett, 621 Broadway, is Ch. Engr.

JERSEY CITY, N. J.—It is reported that the Northern R. R. of N. J., controlled by The Erie R. R. Co., will be converted into an electric railway, from Jersey City to Nyack, N. Y. F. L. Stuart, New York, is Ch. Engr. J. Burke, Jersey City, is Engr. M. W.

CLAIRTON, PA.—Charter will be applied for by the Peters Creek Street Ry. Co. The company proposes to build from Jefferson township to Clairton. W. G. Weiner, J. E. White, A. M. Thompson, J. H. Thompson and Howard Shaw are the incorporators.

EASTON, PA.—We are informed that the Delaware Street Railway Co. has awarded to the McGAWLEY CONSTRUCTION CO., of Easton, the contract to construct its railway from Easton, Pa., to Martin's Creek, a distance of eight miles. 80-pound rails are to be used.

PITTSBURG, PA.—C. F. Baxmayer, Alexander Dempster, F. F. W. Steineker, William J. Gilmore and Samuel Dempster will apply for a charter for the Bon Air St. Railway Co. The company will build and operate a street railway in the Boroughs of West Liberty and Knoxville. The line will extend from the property of the Bon Air Land Co., in West Liberty, to Southern Ave., the boundary line between Mt. Oliver and Knoxville. At this point the line will connect with the Suburban line and the Knoxville branch of the Hill Top system.

STATE COLLEGE, PA.—Survey has been run for a trolley line from Bellefonte to State College with branches to Milesburg and Coleville.

ALLENTOWN, PA.—The franchise and property of the Philadelphia & Lehigh Valley Traction Co. have been purchased at auction by Hon. Wm. F. Harrity, of Philadelphia, who is said to represent a "reorganization committee." C. M. Bates, of Allentown, is Secy. Purchase price was $1,000,000.

BALTIMORE, MD.—The United Railways & Electric Co. has awarded contract for 200 cars to J. G. BRILL & CO., of Philadelphia.

Ordinance will be passed upon by council in September granting franchise to the Baltimore & Frederick Electric Ry. Co. to build a line from Baltimore to Frederick, Md. James Ingram, Jr., is Pres. The Baltimore and Frederick Co. was incorporated in 1902 with a capital of $1,500,000, which later was raised to $2,000,000. The original incorporators of the company were Frank H. Callaway, John W. Eliard and James E. Ingram, Jr., of Baltimore; Senator Beasman, of Carroll county, and J. Roger McSherry, of Frederick. Recently the company was reorganized and the right-of-way from Frederick to Baltimore has been obtained. It is probable that construction work will be begun as soon as the franchise is granted by the city counsel.

SUTTON, W. VA.—The Elk River Electric Ry. Power Co. has been chartered to build an electric railway line between Sutton and Gassaway; also to furnish the two towns with light. Capital, $200,000. The incorporators are G. A. Boilean, of Pittsburg; W. H. Cochran, of Dawson, Pa.; J. T. Berry, of Heaters; L. W. Martin and J. B. Morrison, of Sutton.

MOBILE, ALA.—Bids have been received by the Mobile Light & Railroad Co. for the grubbing, clearing, grading, sewer pipe, waterways, masonry and drainage work for 2½ miles of electric line. J. H. Wilson is Mgr.

ALEXANDRIA, LA.—The Alexandria Electric Street Ry. Co. has awarded contract to G. U. BORDE, of New Orleans, to build its railway line in this city.

NASHVILLE, TENN.—The plan to build the McMinnville, Woodbury & Nashville Ry. has been revived. Daniel A. Lindsey, Chn. Committee of Chamber of Commerce, may be interested.

The Nashville, Crocker Springs & Ridgeton Electric Railway Co. has elected the following directors: W. P. Ready, Pres. and Gen. Mgr.; W. J. Cummins, Vice-Pres.; H. G. Hill, Secy.; Watkins Crocker, Treas.; W. C. Dibrell, J. H. Bruce, W. K. Phillips and George S. Parkes. The company proposes to operate gasoline-electric cars on its line, which is to be built from Nashville to Crocker Springs and later to Ridgetop.

CHATTANOOGA, TENN.—S. W. Divine has project under way to secure right-of-way along route of an old broad-gage line and construct an electric railway up Lookout Mountain.

JACKSON, KY.—The Lexington & Eastern Railroad Co. has amended its charter, it is reported, providing for an extension of 33 miles from Jackson into ... County. The extension will be ... at once. Arthur Cary is Pres. of the ...

OBERLIN, O.—Right-of-way has been secured for the Oberlin & Lorain Electric Ry. line between these cities. Directors of the line are William A. Dorman, ... Herrick, of Lorain; W. F. ... neaut, and M. D. Skeels, G. ... velt, Charles D. Woodruff, ... and C. R. Summers, of Oberlin.

MANSFIELD, O.—David C. ... field, is reported to be interested in a ... mot on of the Wooster & Mansfield ... Bonds are subscribed, it is ...

DAYTON, O.—The Dayton & ... Street Railway Co. has been incorporated by ... Moses P. Niswonger, Jacob W. ... lin M. Stutsman, Birch Robinson and ... J. Geyer. Capital stock, $25,000.

CLEVELAND, O.—Plans for the reorganization of the Eastern Traction Co. have been submitted to the stockholders of the company. The plans were prepared by George T. Bishop, Company ... H. P. McIntosh, W. D. Rees, ... and W. H. Lamprecht. The plan for the formation of a new company, known as the Cleveland & Mahoning Valley Traction Co., with a capital stock of ... The road is to be extended from ... to Leavitsburg, where it will connect with the Pennsylvania & Mahoning Valley Traction Co., to Warren, Youngstown and Newcastle. Plans also call for the construction of a short line from Punderson's Lake to Chardon line, to a point on the Painesville line. The plans also call for the construction of the Shaker Lakes & Hudson lines that will afford the Painesville line a new entrance to Cleveland. The expenditure of about $200,000 on the property for its improvement is planned to put it in shape for more active operation. George T. Bishop may be addressed at Leader Bldg., Cleveland.

GREENSBURG, IND.—The Indianapolis & Cincinnati Traction Co. will build an extension of its Shelbyville division to Greensburg. Charles L. Henry, 711 Traction Terminal Bldg., Indianapolis, is Pres. and Gen. Mgr.

FORT WAYNE, IND.—THE L. E. MEYER CO., of Chicago, has been awarded contract for grading line for the Fort Wayne, Bluffton & Marion Traction Co., between Fort Wayne and Bluffton, Ind. H. W. TAPP, of Fort Wayne, has contract for bridge and culvert work.

KALAMAZOO, MICH.—The Kalamazoo, Lake Shore & Chicago Traction Co. has been incorporated. Council has granted it a franchise. Capital stock is $500,000. The incorporators are: S. J. Dunkley, E. C. Dayton, W. R. Beebe and James Grant, of Kalamazoo; C. W. Williams, of South Haven; George B. Bardeen, of Otsego; A. W. Worcester, of Chicago; George L. Craig, of Toledo; J. W. Thompson, of Detroit; George T. Arnold, of Mackinac Island, and Joseph E. Lockwood, of Detroit.

MANITOWOC, WIS.—We are requested to state that the franchise voted last week was granted to the Fox River Ry. Co., and not to the Fox River Valley Ry. Co., which latter already has a franchise for this city. The Fox River Ry. Co.'s line will extend from the street railway system of Sheboygan through a rich farming country (and parallel with the Chicago & Northwestern Ry.) to Manitowoc, 24 miles; thence it will extend to Kaukauna, 35 miles, passing through a number of prosperous towns. At the western end there are facilities for connection with the lines of the Green Bay Traction Co. and the Wisconsin Heat, Light & Power Co. to Appleton, Menasha, and the southern towns. Very light grades and curves have been secured, the line being located according to steam railway practice as heavy equipment and high speeds are contemplated. It is expected that grading will be commenced about the middle of the month. Isaac A. Smith, of St. Louis and New York, is Consulting Engineer. Robert H. Baldwin, of Chicago, made the location and will have charge of the construction.

ASHLAND, NEB.—Contracts for grading for Omaha, Lincoln & Beatrice Interurban Co.'s line from Ashland to the Platte River has been let to J. H. PIPER, of Ashland.

CHEYENNE, WYO.—Judge John Porter of Des Moines, Ia., has presented to the city council a proposition for the construction of an electric railway system from this point to Fort D. A. Russell and Lakeside Park. He proposes to construct a street car system costing approximately $100,000 if the citizens of Cheyenne will subscribe $20,000 for company bonds at par.

KANSAS CITY, MO.—The Missouri Valley Electric Ry. Co. has been incorporated in Missouri. The incorporators are Charles P. Breen, George B. Teaggle, Wilson McAfee and Howard McAfee, of Parkville, Mo., and George B. Blanchard, of New York. The company intends to build a road from Kansas City to St. Joseph, through Parkville, with spurs to Atchison and Leavenworth, Kan. The length of the road, as indicated in its charter, will be about 65 miles.

TACOMA, WASH.—Franchise has been applied for by Fred J. Chamerlain, of Puyallup, Wash., for a railway to be built between Tacoma and Puyallup. James F. O'Brien and B. A. Crowl are legal representatives.

NORTH YAKIMA, WASH.—Jesse H. Rose, representing Minnesota capitalists, has deposited $5,000 as act of good faith that an electric railway will be built from North Yakima to Moxee Valley.

CHICO, CAL.—A company will be incorporated probably under name of Chico Southern Ry., to build an electric railway from Chico to Oroville. The promoters are Henry Butters, of Oakland; T. B. Walker, of Minneapolis, Minn.; and the following officers of the Diamond Match Co., 111 Broadway, New York; President O. C. Bar-

ber, of ... O.; General Manager, William N. Gr... of New York; Assistant General Manag... ussell Hawkins, of New York; Coast ... er, F. M. Clough, of San Francisco; ... Engineer, J. B. Robinson, and A. F. Jo... ounsel to the company.

LIGHT AND POWER PLANTS.

The names of parties awarded contracts are printed in capital letters.

C... N. Y.—Earl W. Van Dawalker, Chas. Ward and Seth A. Babcock, commissioners of Electric Light Commission, have positions ... tracts for the installation of the plant ... lighting plant for this village as municipal ... ontract for a crude oil engine comprising ... the AMERICAN DIESEL ENGINE CO., ... Broadway, New York, for $12,850; ... TINGHOUSE CO., dynamos; the ... EN PENCIL CO., for poles; for line ... etc., the H. C. ROBERTS CO., of Philadelphia, Pa.

PE... YAN, N. Y.—At special election it was voted to raise $3,500 to complete municipal electric light plant. W. C. Snow is Supt. of construction.

PL... UTH, PA.—C. C. Ransom, of Plymouth, has been awarded contract by the Wyoming Valley Gas & Electric Light Co. for a new power house. Cost, $14,000.

SHIPPENSBURG, PA.—We are informed that the contract with the Shippensburg Gas & Electric Co. will expire October, 1906. As noted on June 22, Council has under consideration the plan to install a municipal electric lighting plant. No engineer has been appointed. S. A. Angle is Chn. of Committee.

WILMINGTON, DEL.—The Street and Sewer Commission has granted a franchise to the Wilmington Electric Light & Power Co. to furnish electricity for heat, light and power in this city.

CHESTERTOWN, MD.—We are informed that "the installation of an electric plant at Washington College is merely in contemplation. Present service is unsatisfactory. The matter will be considered if it can be shown that a plan can be installed to give good service without additional expense." Information is to be submitted to John D. Thompson, Arch., 608 Ford Bldg., Wilmington, Del., or to James W. Cain, Pres. College, at Chestertown.

FAYETTEVILLE, N. C.—We are informed that bids will be received on July 20 for additional improvements to municipal electric plant. W. Thomas Jones is Supt. Est. cost, $15,000.

MARIANNA, FLA.—Town will vote July 5 on the issuance of $9,000 of bonds for the construction of electric-light plant and $4,000 to enlarge water-works. F. G. Merritt is Clk.

BRIGHTON, ALA.—Council will receive bids on July 6 for construction and operation of the electric lighting plant and water-works.

FAYETTEVILE, TENN.—The Fayetteville Electric Light Co. is reported to have awarded contract to CHARLES HARMS for erection of a power-house and the construction of a dam across Elk River, at estimated cost of $25,000.

BELLEFONTAINE, O.—We are informed that Albert L. Allen, of Cleveland, is Engr. for proposed extension to city electric plant. Plans are not completed. W. F. Wright is Ch. Engr. of plant. C. W. Buchanan is Mgr.

ZANESVILLE, O.—Contract for lighting city for ten years was awarded to the Zanesville Railway Light & Power Co.

FORT WAYNE, IND.—Bids are asked by Board Public Works until Aug. 24 for construction and installation of gas plant. (Advertised, Engineering News.)

FORT WAYNE, IND.—Bids probably will be advertised to be received August 1 for supplying city with artificial gas for term of 25 years at the end of which time city shall have option of purchasing company's mains and plants. F. M. Randall is Cy. Engr.

DAYTON, IA.—The Dayton Heating & Lighting Co. is organized with capital stock of $10,000; C. D. Waterbury, is Pres.; C. J. Swanson, vice-Pres.; H. E. Nelson, Secy.; E. M. Lundien, Treasurer.

ALMA, NEB.—We are advised that 41 bids were received on June 22 for constructing electric light plant. Contracts were awarded to lowest bidders as follows: Producer gas plant, to FAIRBANKS, MORSE & CO., of Omaha, Neb., at $4,850. Electric and water-works plants to McKEAN, BALL & CO., of Chicago, at $15,740. M. A. Earl, Chicago, is Consult. Engr.

KANSAS CITY, MO.—Bids are asked until July 21 for installation of a conduit and electric wiring system in post-office and court-house building. James Knox Taylor, Supervising Arch., Treasury Dept., Washington, D. C. (Advertised, Engineering News.)

SUNNYSIDE, WASH. — Electric lighting plant and water-works system may be installed by this town.

EUGENE, ORE.—Site has been secured for city electric light plant. 5,000 HP. may be generated.

EUREKA, CAL.—Bids are asked until 10 a. m., on July 17, for purchase of electric power franchise. J. S. Brown is Chn. of Committee.

SAN FRANCISCO, CAL.—Board of Supervisors has awarded contract to the SAN FRANCISCO GAS & ELECTRIC CO. for lighting city, at $320,000. The contract provides for the lighting of 1,200 electric arc lights and 5,550 gas lamps every night during the fiscal year ending June 30, 1906.

BRIDGES.

The names of parties awarded contracts are printed in capital letters.

BOSTON, MASS.—Plans are being prepared by Wm. Jackson, Cy. Engr., for the proposed Northern Ave. bridge, and it is expected that specifications will be ready, so that bids for undertaking the actual construction may be advertised for this month.

HARTFORD, CONN.—Bids are asked by Board of Street Commissioners until July 19, 5 p. m., for building foundations and substructure of highway bridge over railway tracks at Albany Ave. Frederick L. Ford, Cy. Engr.

HARTFORD, CONN.—Bids are asked until July 19 for building superstructure of highway bridge at Albany Ave. (Advertised, Engineering News.)

BINGHAMTON, N. Y.—Bids are asked by Common Council until July 17, 8 p. m., for construction of bridge over Chamberlain Creek on Robinson St. D. C. Herrick, Cy. Clk.; A. H. Sutermiester, Engr. (Advertised, Engineering News.)

TRENTON, N. J.—The Mercer County Board of Freeholders will build a bridge across stream on the Brunswick pike, a steel bridge at the five-mile run near Updyke's farm, in Lawrence Township, wooden bridge across Alexander St., Princeton, over Stony Brook, and a steel bridge at Bar Creek, Crosswicks. Frank B. Eppele is County Engr.

PATERSON, N. J.—Contract for construction of Hillman St. bridge has been awarded to the WEST VIRGINIA BRIDGE CO., Wheeling, W. Va., for $26,960. Plans call for about 820 tons of steel, bowstring trusses and creoresinate wooden block pavement.

PERTH AMBOY, N. J.—Plans for the substitution of three steel spans for piling on bridge spanning the Raritan River from Perth Amboy to South Amboy have been approved by the War Department. There will be $75,000 available for the purpose to be raised by bonding the county.

LEBANON, PA.—County Commissioners will issue $20,000 bonds for construction of new bridge over Swatara Creek at Harper's Tavern.

WEST CHESTER, PA.—The following bids were received June 27 by County Commissioners for the erection of steel bridge over French Creek: New Jersey Bridge Co., Manasquan, N. J., $1,099; Owego Bridge Co., Philadelphia, $1,250; Variety Bridge Co., Cleveland, O., $1,055; York (Pa.) Bridge Co., $1,671; West Virginia Bridge & Const. Co., Wheeling, W. Va., $1,680; Erye Const. Co., West Chester, $1,695; Nelson & Buchanan Co., Chambersburg, Pa., $1,775; Canton (O.) Bridge Co., $1,810; Toledo-Massilion Bridge Co., Toledo, O., $1,820; McClintic-Marshall Const. Co., Pottstown, Pa., $1,825.

CHESTER, PA.—Judge Isaac Johnson has appointed a jury to view the site for the proposed Fifth St. bridge. The jury consists of the following men: Wm. H. Miller, of Media; Isaac Sharpless, Pres. of Haverford College, and Jas. Kirkpatrick, of Birmingham. It is expected that the jury will recommend that the bridge be built.

MOSELEM SPRINGS, PA.—The Berks County Commissioners, Court-House, Reading, contemplate building a 54-ft. span bridge over Moselem Creek.

WEST CHESTER, PA.—N. R. Rambo, Engr., West Chester, has completed plans for a stone arch bridge of four arches and 40-ft. span for the Chester County Commissioners.

The same engineer is preparing plans for a stone arch bridge over French Creek, between East and West Vincent Townships.

EBENSBURG, PA.—County Commissioners have awarded the contract for the erection of county bridge at Twin Rocks, to span the Blacklick River, to the OWEGO BRIDGE CO., of Philadelphia, for $1,400.

BALTIMORE, MD.—The United Railways & Electric Co. has had plans prepared for construction of bridges across Jones, North Point and Shallow Creeks in connection with the proposed nine-mile extension of its line to Fort Howard, and contractors are now bidding on the work. P. B. Banks is Ch. Engr., Continental Trust Bldg., Baltimore.

WEBSTER SPRINGS, W. VA.—This county is in the market for a steel truss bridge of four spans, each 100 ft. long. Contract will probably be let about July 15.

CHARLESTON, W. VA.—Bids are asked by City Council July 20, 8 p. m., for the erection of a truss bridge across Elk River connecting Charleston and Lovell Sts. W. A. Hogue, Cy. Engr. (Advertised, Engineering News.)

CLEVELAND, O.—Bids are asked by Board Public Service until July 14 for constructing a concrete-steel, stone-faced arch under the W. & L. E. Ry. in Brookside Park. Wm. J. Carter is Cy. Engr.

PORTSMOUTH, O.—Bids will be received by Board Public Service until July 8 for constructing a concrete culvert, 12 ft. in diameter and 166 ft. long (circular), on Eighth St., at Lawson's Run. B. C. Pratt, Cy. Engr.

DAYTON, O.—Bids for construction of county line bridge over Big Irwin Creek will soon be received by Commissioners of Montgomery and Preble Counties. It is planned that both counties shall share equally in the expenditure, which will amount to $15,000.

MANSFIELD, O.—L. A. Keith, Cy. Engr., is preparing plans and bids will be received by Board Public Service in about two weeks for a concrete culvert, 600 ft. of concrete to be used.

INDIANAPOLIS, IND.—The following bids were received June 1 by County Commissioners for constructing a concrete-steel, stone-faced Melan bridge over White River at Emrichville: Moore-Mansfield Const. Co., $154,630; CENTRAL STATES BRIDGE CO., $141,293 (awarded contract); Wm. Fife & Son, $150,503; E. M. Yraves, $156,239; all of Indianapolis. The contract was awarded June 27. H. W. Klausmann, County Engr.

LOGANSPORT, IND.—The Country Club is now considering plans and bids for a suspension bridge to connect the club-house with the interurban. Geo. P. Bliss, Secy.

FORT WAYNE, IND.—The contract for constructing two steel bridges over Maumee and St. Mary's Rivers has been awarded to the CANTON (O.) BRIDGE CO., at $9,832 and $5,110, respectively. O. B. Wiley, Bridge Supt., Fort Wayne.

PLYMOUTH, IND.—County Commissioners are asking for bids for construction of three iron bridges and one concrete arch. H. L. Singrey is County Audr.

ROCKPORT, IND.—Bids are asked by R. D. O. Moore, County Audr., until July 8, 10 a. m., for construction of a steel bridge, 80-ft. span, with one 20-ft. approach.

INDIANAPOLIS, IND.—The LAFAYETTE (Ind.) ENGINEERING CO. has been awarded the contract to construct a 125-ft. span steel bridge, with concrete floor, over north fork of Wildcats Creek, at $4,070.

DETROIT, MICH.—Bids are asked by Wm. Unruh, Twp. Clk., until July 8, 2 p. m., for building a highway bridge on Dearborn Road in Springwells Township.

LOWELL, MICH.—The village has voted to issue $12,000 bonds to build three steel bridges to replace those washed away during recent storm.

FENTON, MICH.—The contract for construction of concrete arch over Shiawassee River at Caroline St. has been awarded to MOREHOUSE & HAMILTON for $1,852.

EDENVILLE, MICH.—A contract has been let to JENKS & DRESSER, of Port Huron, Mich., to construct a bridge and dam across Tittabawassee River at Edenville for $6,470 each.

MENOMINEE, WIS.—Bids are asked until July 15, 4 p. m., for construction of substructure and superstructure, separately, of bridge over Red Cedar River at Menominee. C. A. P. Turner, Consult. Engr., Minneapolis, Minn.; F. W. Rowe, Cy. Clk. (Advertised, Engineering News.)

MANITOWOC, WIS.—ADOLPH GREEN, of Green Bay, Wis., has been awarded contract for the erection of a railroad bridge at Manitowoc for the Northwestern road, to cost $60,000. The bridge is included in plans for the extension from Manitowoc to Green Bay, Wis., and Gillett.

KANSAS CITY, KAN.—City Council has passed an ordinance providing for the rebuilding of bridge over Jersey Creek at 11th St., which was destroyed by high water several weeks ago. Robt. L. McAlpine is Cy. Engr.

FARGO, N. DAK.—Bids are asked by County Commissioners until July 15, 12 m., for construction of and repairing a number of bridges throughout the county. Arthur G. Lewis, County Audr.

FORT STOCKTON, TEX.—Pecos County has voted affirmatively the proposed $7,000 bond issue for the erection of a bridge over Pecos River. Address County Clerk.

MARLIN, TEX.—The Commissioners' Court of Falls County has decided upon the erection of two iron bridges across the Brazos River.

LAS ANIMAS, COLO.—State Engineer Jaycox, Denver, has plans for $6,000 bridge over Sopris Creek. H. J. Duling is Comr., and A. M. Holt, County Audr.

MOUNT IDAHO, IDAHO.—Bids will be received by County Commissioners until July 21 for construction of a bridge across Cottonwood Creek.

CRYSLER, ONT.—Contract for constructing reinforced piers and approaches for bridge across Payne River here was awarded June 29 to D. G. McMILLAN, of Finch, Ont., for $3,748.

WINNIPEG, MAN.—It has been decided to build a steel bridge across Red River, to connect this city and St. Boniface. Cost, $100,000. Address Ald. Cox.

VICTORIA, B. C.—The City Council has decided to call for bids for erecting a bridge at Rock Bay.

BUILDINGS.

The names of parties awarded contracts are printed in capital letters.

DOVER, N. H.—The Board of Trustees of the proposed Wentworth Hospital, June 21, awarded the contract for building the institution to EDWIN H. FROST, 270 Central Ave., Dover, for $44,596.

BROCKTON, MASS.—The general contract for construction of eight-story block at Montcielo and Center Sts. has been let to GEO. HOWARD, of Brockton. Contracts for materials in the hands of contractor for disposal, also equipment. J. Williams Beal, Arch., 84 Sumner St., Boston.

EVERETT, MASS.—Plans are being prepared by Loring & Phipps, Arch., 34 State St., Boston, for an addition to high school building in Everett, which will about double the capacity.

SPRINGFIELD, MASS.—Bids will be received by Board Public Works until July 14 for plans for the proposed new school building in Ward 2, the total cost not to exceed $60,000.

NEW YORK, N. Y.—J. B. & J. M. CORNELL, 26th St. and 11th Ave., have been awarded the steel contract for a 10-story apartment house to be erected for Jas. A. Farley at Madison Ave. and 55th St. Thain & Thain, Archs., 4 East 42d St. Previously noted.

BUFFALO, N. Y.—Bids were opened June 20 at Board of Supervisors for plumbing of new 65th Regiment Armory, as follows: T. McEvoy & Son, 414 Niagara St., $43,470; Edward Joy, $46,500; Dark & Co., 654 Main St., $48,000; Barned & Geiger, 11 East Mohawk St., $48,821; C. A. Criqui, 926 Main St., $48,827; John D. Smith Co., 51 Pearl St., $54,000; all of Buffalo.

NIAGARA FALLS, N. Y.—JOHN LANNEN, of Buffalo, has been awarded contract for construction of new Niagara University building which will be used as a gymnasium. Stone, 3 stories, 104 × 90 ft. Cost, $40,000.

NEW YORK, N. Y.—CHAS. A. COWEN & CO., 1123 Broadway, has been awarded the general contract for the completion of the Broadway Tabernacle at Broadway and 55th St. Brick and stone, 9 stories, 60 × 175 ft. Barney & Chapman, Archs., 520 Fifth Ave.

Switchboards and electric wiring for new temporary passenger station being erected at 44th St. and Madison Ave., for the New York Central Ry. Co., have been awarded to ISIDORE FAJANS ELECTRIC CONST. CO., 54 Lexington Ave.

General contract for erecting a club building at Second Ave. and 84th St., for the Workingmen's Educational and Home Association of 106 East 86th St., of which Chas. Wehrle is Pres., at 503 East 83d St., has been awarded to THOMPSON-STARRETT CO., 49 Wall St. F. W. Fischer, Arch., 24 East 23d St. Brick, stone, terra-cotta, fireproof, 5 stories, 60 × 100 ft. Heating system, elevators, plumbing and electric wiring. Cost, $100,000.

Church Const. Co., 126 Liberty St., want figures on switchboards and electric wiring for the automobile garage to be erected at Broadway and 55th St., for the De Canville Co. R. F. Almirall, Arch., 51 Chambers St.

P. J. Carling Const. Co., 1 Madison Ave., will want figures soon on electric wiring for riding academy at 58th and 59th sts. and Seventh Ave. B. L. Gilbert, Arch., 50 Broadway. Buildings are four stories, 125 × 200 ft.

G. F. Pelham, Arch., 503 Fifth Ave., has plans in progress for extensive apartment houses to be erected on the block at 170th St., between Charlotte and Wilkins Ave., for the Fleischman Realty Co., 170 Broadway. Brick, stone and terra-cotta. 5 stories, 200 × 500 ft. Heating system, boilers, electric wiring, plumbing, 'phone system and steel stack. FLEISCHMAN CONT. CO., 170 Broadway. Cost, $1,000,000.

THOMPSON-STARRETT CO., 49 Wall St., has been awarded the general contract for the erection of new office building for the U. S. Express Co., of which Thos. C. Platt is Pres., 47 Broadway. Clinton & Russell, Archs., 32 Nassau St. Brick and stone, 22 stories, 140 × 125 × 160 ft. Engines, generators, boilers, blowers, heating and plumbing systems, steel stack, electric wiring, etc.

NIAGARA FALLS, N. Y.—Bids were opened June 26 at the office of James Knox Taylor, Supvr. Arch., Washington, D. C., for construction of U. S. post-office at Niagara Falls, as follows: Wm. Weber, Huntington, N. Y. $165,000; L. C. Wilke, Lockport, N. Y., $119,612; Morris & Allen, Buffalo, N. Y., $109,743; Henry Shenk Co., Erie, Pa., $99,925; The General Supply & Const. Co., New York, $89,869; Braas Bros. Co., Niagara Falls, $112,500; Nieds, Gibbs & Schaaf Co., Buffalo, $102,353; Cramp & Co., Philadelphia, Pa., $85,707; Thomas Reilly, Philadelphia, $94,969; John Grant & Son, Cleveland, O., $91,450; A. B. Stannard, New York, $98,531; Fissell & Wagner, New York, $83,860; Richardson & Burgess, Inc., Washington, D. C., $75,000.

GENEVA, N. Y.—The General Supply & Const. Co., 24 State St., New York, was the lowest bidder at $50,838 for U. S. post-office at Geneva.

WEST POINT, N. Y.—Bids are asked until July 29 for construction of two barracks and two stables for cavalry and artillery, and one gun shed. Address Quartermaster, U. S. M. A. (Advertised, Engineering News.)

AUBURN, N. Y.—C. E. Colton, Arch., Syracuse, N. Y., has plans in progress for a trades school to be erected at Auburn, for the First Presbyterian Church.

NEW YORK, N. Y.—C. E. Birge, Arch., 5 West 31st St., has plans in progress for an apartment hotel to be erected at Broadway and 106th St., to cost about $300,000. Brick and stone, 10 stories, 75 × 120 ft. Engines, elevators, heating system, boilers and motors.

A. E. Davis, Arch., 494 East 138th St., has plans in progress for the Board of Trade Building to be erected in the Bronx. Stone, 3 stories, 75 × 150 ft. Heating system, boilers and electric wiring.

C. E. Haigert, Arch., 372 Fifth Ave., has started plans for a new chapel to be erected on Governor's Island, New York Harbor. Cost, $75,000.

J. C. VREELAND, 1 Madison Ave., has been awarded the general contract for extensive alterations and addition to building at 154-58 Malden Lane, for H. P. Rosengarten, of Philadelphia, Pa. F. H. Bosworth, Jr., 1170 Broadway, is Arch. Heating system and plumbing will be required.

Wm. E. Sommerfield, Arch., 79 Union Square, is revising plans and will take figures soon for a loft building to cost $50,000, to be erected at 104 West 38th St., for J. W. Stern & Co., 34 East 21st St. Brick and stone, fireproof, 7 stories, 20 × 100 ft. Heating system, boilers, motors and electric elevators.

G. A. Boehm, Arch., 7 West 42d St., is taking figures on a $150,000 loft building, to be erected at 523 Fifth Ave., for Boehm & Coon, 31 Nassau St. Brick and stone, 6 stories, 40 × 105 ft. Heating system, plumbing, electric wiring and boilers.

James MacArthur, 22 Ormond Place, Brooklyn, was the only bidder for alterations to Willard-Parker Hospital, foot of East 16th St. His bid was $56,000. The work will be readvertised immediately.

General contract for new $150,000 residence to be erected at 33-35 West 53d St., for Col. Archibald Rogers, of 340 Madison Ave., has been awarded to JACOB & YOUNG, 1125 Broadway. Robertson & Potter, Archs., 160 Firth Ave. Brick and stone, 4 stories, 50 × 80 ft. Heating system, boilers, plumbing, electric wiring and elevator.

Pickering & Walker, Archs., 5 East 42d St., are taking figures for a residence to be erected at 117 East 55th St., for A. K. Bourne. Brick and marble, 4 stories, 20 × 80 ft. Heating and ventilating system, plumbing, electric wiring and boilers. Cost, $75,000.

James & Leo, Archs., 124 West 45th St., are taking figures on revised plans for four-story addition, 20 × 100 ft., to residence of E. Arnstein, at 16 East 80th St. Heating system, boilers, switchboard, electric wiring, steel stack and plumbing. Cost, $50,000.

SYRACUSE, N. Y.—J. R. Randall, Arch., Syracuse, has plans in progress for an office building to be erected at 318 Warren St.,

Syracuse. Brick and stone, 8 stories, 70 × 130 ft. Heating system, boilers, plumbing, elevators, electric wiring, steel stack, blowers and 'phone system.

BUFFALO, N. Y.—Bids are asked by Department Public Works, until July 14, for fireproofing and otherwise improving the present building or buildings now in use as a pumping-station, near the foot of Massachusetts Ave., to include masonry, sheet metal work, fireproofing, plastering, roofing, cut stone, wire-glazing, hardware, iron and steel work, painting, plumbing, etc. Francis G. Ward, Comr. Pub. Wks.

UTICA, N. Y.—Conners Bros. Const. Co., 16 Thorndike St., Lowell, Mass., wants prices on erection of structural steel for large building at Utica.

WEST HOBOKEN, N. J.—Contracts was awarded to GEO. CRANWELL, 401 Clinton Ave., West Hoboken, for masonry; HOBERT BOVE, DeMott St., West Hoboken, carpentry, for new $58,000 schoolhouse on Paterson Plank Road. Ed. McDermott, Spring St., West Hoboken, is Arch.

NEW BRUNSWICK, N. J.—PETER KINNEY, New Brunswick, was awarded contract for new clubhouse for Elks Corporation. Wm. Schlesinger, 374 George St., New Brunswick, is Secy. Wm. H. Boyle, New Brunswick, is Arch.

DOVER, N. J.—Father Dougan, of Dover, wants bids for New Roman Catholic Church. J. J. Vreeland, of Dover, is Arch. Bids will be received for wood or concrete.

NEWARK, N. J.—T. Cecil Hughes, Arch., 22 Clinton St., Newark, will take figures soon on a new residence to be erected on Elizabeth Ave., Newark, for De Prosse & Swartout, Newark. Brick, 2½ stories, 50 × 70 ft., and include a building 40 × 40 ft., for an automobile garage.

PERTH AMBOY, N. J.—James S. Pigott, Arch., 188 Market St., Newark, has plans in progress for a new residence to be erected at Perth Amboy for A. A. Quigues, of Newark. Stone and wood, 2½ stories, 50 × 75 ft., with wing 25 × 50 ft. Heating system, boilers, plumbing and electric wiring. Cost, $75,000.

PHILADELPHIA, PA.—Plans have been prepared by Wesley Lesher Blithe, Arch., 14 South Broad St., Philadelphia, for a Church and Sunday school for the Wharton Street M. E. Church. Stone, 2 stories, 169 × 150 ft. Low pressure steam heat, ventilating, stained glass, organ, church pews and furniture, chairs for Sunday school, etc. Cost of building, $125,000; equipment, $15,000.

PHILADELPHIA, PA.—The Beth-Israel Congregation of Philadelphia, will commission an architect soon to prepare plans for a new synagogue to be erected at 32d St. and Montgomery Ave., Philadelphia. Cost, about $75,000.

WEST CHESTER, PA.—The following bids were opened June 28 at the office of James Knox Taylor, Supv. Arch., Washington, D. C., for construction of U. S. post-office at West Chester: Fissell & Wagner, New York, $36,000; Charles McCaul Co., Philadelphia, Pa., $34,996; Thomas Reilly, Philadelphia, $37,911; Cramp & Co., Philadelphia, $35,567; J. F. Guthrie, East Downingtown, Pa., $34,900; King Lumber Co., Charlottesville, Va., $44,769; W. H. Burnes, West Chester, $39,773.

NORRISTOWN, PA.—V. E. Grater, Arch., is preparing plans for a church and Sunday school building for the Lutheran congregation.

PHILADELPHIA, PA.—Arnold H. Moses, Arch., 138 South Fourth St., Philadelphia, has invited bids until July 10 for a $50,000 addition to the Samaritan Hospital at 3405 North Broad St.

CHESTER, PA.—A. B. Lacy and Wm. C. Hayes, Archs., 1012 Walnut St., Philadelphia, are preparing plans for a Y. M. C. A. building. Brick and steel, 4 stories and cost $100,000.

SCRANTON, PA.—Edward Langley, Arch., Cornell Bldg., is preparing plans for the Scranton Club. Cost, $100,000.

ALLEGHENY, PA.—Price & McLanahan, Archs., 1624 Walnut St., Philadelphia, have invited bids until July 12 for passenger station for Pennsylvania Railroad Co. Brick and steel, fireproof, 4 stories. Cost, $150,000.

WEST CHESTER, PA.—J. F. Stuckert, contractor and builder, 1421 Chestnut St., Philadelphia, wants sub-bids on the following for West Chester High School: Brickwork, stonework, excavating, grading, millwork, electric wiring, plastering, painting, glazing, cement paving and concrete work, iron work, roofing sheet metal work, plumbing and drainage. Plans may be seen in Philadelphia or West Chester.

BALTIMORE, MD.—The Maryland Institute is now receiving bids on contract No. 1 for new building, which includes excavation, foundation walls and waterproofing. Fireproof, 4 stories, 115 × 140 ft. Pell & Corbett, Archs., 31 Union Square, New York. Cost, $350,000. Previously noted.

BALTIMORE, MD.—Estimates are being received until July 8 on construction of office building at Charles and Little Pleasant Sts. Steel frame or reinforced concrete construction, 6 stories, 47 × 118 ft. Baldwin & Pennington, Archs., 11 North Charles St., Baltimore.

BALTIMORE, MD.—James T. Miller, 2100 Bolton St., will erect 17 dwellings on Calvert St., near 30th St. Brick, 3 stories, 17 × 70 ft. Cost, about $60,000.

WASHINGTON, D. C.—The following bids were opened June 26 at the office of District Commissioners for construction of police court building at Sixth and D Sts., N. W.; Item 1, complete work including one boiler; 2, complete work including two boilers: Isidore Pavarini, 814 18th St., N. W., Washington, D. C., (1) $74,365, (2) $75,000; Gleeson & Humphreys, Washington, D. C., (1) $74,500, (2) $75,400; W. E. Spier, Washington, D. C., (1) $74,699, (2) $75,599; A. B. Stannard, New York, (1) $89,585, (2) $90,665; J. M. Dunn, Washington, D. C., (1) $93,464, (2) $94,662. All bids were too high for the amount available.

WASHINGTON, D. C.—The following bids were opened June 30 at the Interior Department for construction of new Freedman's Hospital building. The detailed prices were not made public: James L. Parsons, Washington, D. C., $467,700; Herman Probst, New York, $392,270; General Supply & Const. Co., 24 State St., New York, $450,198; Cramp & Co., Philadelphia, Pa., $421,000; Noel Const. Co., Baltimore, Md., $417,959; Richardson & Burgess, Washington, D. C., $417,607; George A. Fuller Co., Fuller Bldg., New York, $389,793; Wm. E. Spier, Washington, D. C., $409,600.

WASHINGTON, D. C.—The following bids for construction of superstructure of the Municipal Building, exclusive of furnishing the stone which has already been contracted for, were opened July 1: (1) natural marble floors; (2) reinforced concrete floors; (3) artificial marble floors; (4) patent plaster finish; James L. Parsons, Washington, D. C., (1) $995,000, (2) $991,000, (3) $1,006,000, (4) $999,000; General Supply & Const. Co., New York, (1) $1,009,000, (2) $961,000, (3) $1,006,000, (4) $1,012,000; W. E. Spier, Washington, D. C., (1) $1,012,000, (2) $988,000; (3) $1,022,000, (4) $1,020,000; John C. Robinson, Chicago, Ill., (1) $1,129,800, (2) $1,103,800, (3) $1,124,800, (4) $1,137,190; Noel Const. Co., Baltimore, Md., (1) $1,183,588, (2) $1,175,588, (3) $1,135,588, (4) $1,187,588; Henry Smith & Sons Co., Baltimore, Md., (1) $1,169,000, (2) $1,165,000; (3) $1,153,000, (4) $1,176,000; John Gill & Son, Washington, D. C., (1) $1,121,400, (3) $1,077,400, (4) $1,124,000; Doyle & Doak, Philadelphia, Pa., (1) $1,218,830, (2) $1,215,830, (3) $1,208,830, (4) $1,224,830; Brennan Const. Co., Washington, D. C., (1) $1,272,731, (4) $1,276,731; Ambrose B. Stannard, (1) $1,079,900, (2) $1,047,900, (3) $1,094,900, (4) $1,083,900.

WASHINGTON, D. C.—B. Stanley Simmons, Arch., 523 Ninth St., N. W., Washington, D. C., has been awarded first prize for design of seven-story fireproof bank building to be erected by the Metropolitan Citizens' National Bank.

Bids will be received about Aug. 1 by A. O. Von Herbulis, Arch., 1416 F St., N. W., Washington, D. C., for construction of gymnasium for Georgetown University. Stone and brick, fireproof, 3 stories, 50 × 130 ft. Cost, $50,000. Previously noted.

FORTRESS MONROE, VA.—R. H. Richardson & Son, Hampton, Va., are lowest bidders at $126,130, and will receive contract for the erection of officers' quarters. Alexander Weston of Hampton, Va., is lowest bidder at $1,073 for the erection of galvanometer.

FORT MEYER, VA.—JAS. S. REYNOLDS, Pacific Bldg., Washington, D. C., has been awarded the contract for bachelor officers' quarters. Brick and stone, 2 stories, 35 × 140 ft. Cost, $40,000.

MONROE, N. C.—The Seaboard Air Line Ry. Co. will erect a passenger and freight station at a cost of about $60,000. W. W. Gwathmey, Jr., is Ch. Engr., Portsmouth, Va.

CEDARTOWN, GA.—Building Committee, John L. Branch, Chn., will receive bids until Aug. 14 for materials and work required for improvements to Polk County courthouse, in accordance with plans and specifications by the Bruce Architectural Co. of Birmingham, Ala., and Atlanta, Ga., on file with the commissioners.

NEW ORLEANS, LA.—The city will erect a public library building at a cost of $214,000, including furniture, etc. Specifications are on file in office of Engineering News, 220 Broadway, New York. Jas. H. Dillard, Pres. Library Board.

NEW ORLEANS, LA.—Lodge No. 30, B. P. O. Elks, will erect a new building at a cost of $60,000. The Secretary can give information.

LOUISVILLE, KY.—Bids will be received by Pilcher & Tachau, Archs., until Aug. 1 for construction of main library building of the Louisville Free Public Library. Cost, $250,000.

EVANSVILLE, IND.—Hulman & Co., of Terre Haute, Ind., have bought a site near Union Depot in this city upon which to build a $100,000 warehouse.

INDIANAPOLIS, IND.—The contract to erect buildings for the Indiana Industrial School for Girls has been let to JOHN R. WARREN & CO., of Indianapolis, at $174,000. This is for the erection of seven cottages, one school house, power-house, barn, ice plant and dairy barn. The contract for electric wiring and mechanical equipment was let to CHEYENE ELECTRICAL CO., of Indianapolis, for $9,178. All bids for the heating plant were rejected as too high. This contract will be readvertised. E. M. Johnson, Secy. Commission.

LEBANON, IND.—A petition has been filed with the County Commissioners for the construction of new court-house.

MENOMINEE, MICH.—Derrick Hubert, Arch., Menominee, will have plans ready July 11 for a bank building for the Commercial Bank of Menominee, and contracts will be let about July 25. Brick and stone, 2 stories, 30 × 75 ft. Cost, $18,000.

JOHNSTON CITY, ILL.—40 buildings in the business section were destroyed by fire, among them being the First National Bank. Loss $200,000.

CHICAGO, ILL.—Holabird & Roche, Archs., 1618 Monadnock Blk., Chicago, are making sketches for a club building, to be erected for the University Club, 116-118 Dearborn St. Site and details of building have not been decided on. Cost, $400,000.

LA CROSSE, WIS.—Bids will be opened July 6 by Board Public Works for a $125,000 high school building. Jas. C. Llewellyn, Arch., 1518 First Natl. Bank Bldg., Chicago, Ill.

SIOUX CITY, IA.—Plans and specifications are wanted for modern ten-story brick, fireproof bank and office building, 60 × 100 ft.; corner location. Bank to have mezzanine floor. Plans to include estimated cost. Address, Geo. C. Call, Vice-Pres., First Natl. Bank, Sioux City.

ATLANTIC, IA.—H. A. Paine, Albert Lea, Minn., was the lowest at $26,000 for construction of U. S. post-office at Atlantic.

FAIRMONT, MINN.—Plans by Bell & Betwetler, Archs., Minneapolis, were adopted for the $100,000 court-house to be erected at Fairmont.

MINNEAPOLIS, MINN.—The Hurty-Simmons Hardware Co., the successors of the Nelson-Bouquet-Holliday Hardware Co., 217-221 Third St., will erect a $200,000 warehouse as soon as a suitable site can be secured. Wallace D. Simmons is Pres., St. Louis, Mo.

FORT RILEY, KAN.—ZIEGLER & DALTON, of Junction City, Kan., will construct a hospital at Fort Riley for $35,228. The plumbing will be done by HURLEY & CO., St. Paul, Minn., at $3,882, and the wiring by F. E. NEWBERRY & CO., at $850.

OMAHA, NEB.—F. C. JACKSON has been awarded the contract for grading the site at 16th and Howard Sts., on which J. A. Sunderland and John R. Webster will erect a six-story brick building. Work on the building will begin in August. Cost, $200,000.

BUTTE, MONT.—Silver Bow Club is considering plans for a club-house. Bonds in sum of $100,000 are proposed and work will proceed immediately.

KANSAS CITY, MO.—Bids are asked by James Knox Taylor, Supv. Arch., Washington, D. C., until July 27 for the extension and changes incidental thereto of low pressure and exhaust steam heating, mechanical ventilating apparatus, ash hoists, etc., in U. S. post-office and court-house at Kansas City. (Advertised, Engineering News.)

ST. LOUIS, MO.—The Department Store Investment Co. has been organized with $325,000 capital stock by W. I. Holbrook, Geo. H. Blackwelder and associates to erect a 12 to 18-story department store building.

ST. LOUIS, MO.—Oliver J. Barwick will erect an apartment house at a cost of $80,000.

NEWPORT, ARK.—Bids are asked by County Commissioners until July 20 (readvertised) for construction of a new jail at Newport. Address Alcorn Ferguson, Comr., or E. L. Boyce, County Judge, Newport. (Advertised, Engineering News.)

ARKANSAS CITY, ARK.—GEORGE E. HOPPER, Arkansas City, has the contract for constructing building at the San Juan Indian school under bids opened May 31. The contract amounts to $68,260.

WYNNE, ARK.—E. L. KOONCE, of Warren, Ark., has been awarded contract, at $71,800, for the erection of Cross County's proposed court-house. F. W. Gibb, Arch., Little Rock, Ark.

HOUSTON, TEX.—Bids will be received about the latter part of July for five-story fireproof office building, to be erected by the Houston Land & Trust Co.; cost, $65,000. Sanguinet & Staats, Archs., Dallas, Tex.

PORT ARTHUR, TEX.—Bids are asked by A. M. Rutan, Secy. of Brd., Bank Block, Port Arthur, until Aug. 1, for furnishing all materials and labor and erecting complete, except blackboards, wiring, plumbing, and heating and ventilating, a three-story brick building, about 138 × 155 ft., known as Port Arthur Manual Training School.

HOUSTON, TEX.—W. H. Hammond & Co., Archs., Houston, is preparing plans for a $1,000,000 hotel and desire such data as will be useful in the preparation of same. Bids will be wanted as soon as plans are completed. Brick, marble, reinforced-steel concrete, fireproof, 12 stories, 150 × 190 ft. The equipment will cost about $200,000. Previously noted.

PORTLAND, ORE.—The Grand Lodge of Masons has taken up discussion of building a new Masonic Temple in this city to cost $400,000. About $200,000 is now available, but whether more will be expended is yet unsettled.

OAKLAND, CAL.—Bids for the construction of Grant school were received by Board of Education, as follows: W. W. Anderson, $65,888; Chas. Roeth, $66,420; CHARLES STOCKHOLM, $65,288 (awarded contract); Buther & Lewis, $77,365; H. E. Brown Co., $68,900; Ransden, Griffith Co., $68,000.

PRESCOTT, ARIZ.—The following contracts have been awarded for construction, plumbing, steam heating and electric wiring of 24 buildings at Whipple Barracks: For construction, FREDERIC H. BARNES, 106 Jessie St., San Francisco, Cal., $275,478; plumbing, NEWELL BROS., 218 West First St., Los Angeles, Cal., $23,635; steam heating, NEWELL BROS., 218 West First St., Los Angeles, $15,455; electric wiring, F. E. NEWBERY & CO., 642 Century Bldg., St. Louis, Mo., $4,200.

WATER SUPPLY—IRRIGATION.

The names of parties awarded contracts are printed in capital letters.

DIXFIELD, ME.—We are informed that contract for gravity system of water-works for Dixfield Water Co., Geo. L. Merrill, Secy., probably will be awarded soon. Supply is to be from a mountain brook three miles distant.

PETERBORO, N. H.—Bids are asked until 2 p. m., on July 17, for laying pipe and setting gates and hydrants for proposed extension of water-works. Work will include approximately 2½ miles of 8-in. and 6-in. pipe. E. W. Jones, Clk. Water Committee. Frank A. Gay, Manchester, N. H., is Engr. (Advertised, Engineering News.)

WILLIAMSTOWN, MASS.—We are informed that contract for extension of water-works of Williamstown Water Co., consisting of laying about two miles of 8-in., 10-in. and 12-in. pipe, building dam and clearing reservoir site, has been let to CROSBY & PRESTON, Brattleboro, Vt. Bids were opened June 22. J. H. Emigh, North Adams, Mass., is Des. Engr.

AMESBURY, MASS.—At sp... ing it was voted to buy ... Powow Hill Water Co. Wil... John Currier, Porter Sargen... E. H. Alexander and Jere... were elected a committee ... selectmen in carrying the ma...

LAWRENCE, MASS.—Town ... 000 of bonds for extending w...

HARRISVILLE, N. Y.—JOH... of Carthage, has been award... install a water-works system ... 4-in. and 6-in. pipe will be la...

TURIN, N. Y.—Village has ... a water-works system at cost ...

PLATTSBURG, N. Y.—Lo... that a contract for a water s... has been awarded to ALF... Plattsburg, for $134,445.

ROCHESTER, N. Y.—Bids ... July 19, 10 a. m., for constru... Hill reservoir, in connection ... water-works. There will be ... earth excavation and 50,000 cu... F. X. Pifer is Clerk Bd. Cou... ply, 28 City Hall. (Advertise... News.)

NEW YORK, N. Y.—We are ... the Government has awarded ... ABBOT-GAMBLE CO., 32 Broa... ing submarine main from Bed... the New Jersey shore, and als... stallation of water system on B...

WEST CHESTER, PA.—T. ... ton, Engr., Wilmington, Del., ... improvements to borough wate...

ASHLAND, PA.—Plans will b... T. Chalkley Hatton, Engr., Wilm... for water-works improvements.

WILMINGTON, DEL.—Board ... Commissioners has awarded ... erecting addition to city mills p... tion to A. J. REED & BRO. CO... JOHN M. SOLOMON was award... at $1.35 per barrel, for supplying ... water department for one year. ... local contractors.

WHEELING, VA.—Improvement... to water-works plant are under considera...

CLARKSBURG, W. VA.—City has awarded contract to DANIEL HENRY to build proposed dam across West Fork River. It is to provide greater water supply for city.

COLUMBIA, S. C.—Specifications for water-works system, for which bids are advertised in Engineering News until Aug. 8, are on file at New York office of Engineering News. Noted fully last week.

FORT DE SOTO, FLA.—Contract for sinking a well at this post has been awarded to W. F. HAMILTON for $6,500.

BOLIVAR, TENN.—Granbery Jackson, Engr., Nashville, Tenn., has been appointed as engineer to make plans and specifications and supervise construction of a municipal water and light plant at Bolivar. City has voted and sold $20,000 of bonds for this purpose. Bids will be asked in 30 to 90 days' time.

COOKEVILLE, TENN.—Contracts were awarded on June 27 for water-works as follows: Cast-iron pipe, to UNITED STATES CAST-IRON PIPE & FOUNDRY CO., Chattanooga, Tenn., at $31.40 per ton; hydrants and valves, to HERRON PUMP & FOUNDRY CO., Chattanooga, at $475; boilers and heaters, to W. C. NINNIO, Nashville, at $1,011; pumps, DEAN STEAM PUMP WORKS, Atlanta, Ga., $1,132; engine and belt, RIDGWAY DYNAMO & ENGINE CO., Memphis, Tenn., $976; electrical apparatus, BRAID ELECTRIC CO., Nashville, Tenn., $2,974. Bids for construction work were rejected and new bids will be received on July 7.

FRANKLIN, TENN.—We are informed that the Mayor and Board of Aldermen are in the market for about 1,600 tons 4-in. to 10-in. cast-iron pipe for the proposed water-works. Kirkpatrick & Johnsons, Engrs., Jackson, Miss. H. P. Fowlkes is Cy. Recdr.

OWENSBORO, KY.—We are informed that the Owensboro Water Co. will make improvements to water-works system, which will include the development of a pure water supply and a pipe line across the Ohio River to the sand and gravel formation. James J. Sweeney is Pres. Owen Ford, Security Bldg., St. Louis, Mo., is Consult. Engr.

NEWPORT, KY.—We are informed that advisability of a filter plant has been discussed; nothing further than that has been done.

TOLEDO, O.—Bids were received by the Board of Public Service on June 30 for the construction, delivery and erection of the low service pumping machinery for the improved water supply, consisting of two centrifugal pumps operated by gas engines with gas producers and two reciprocating 90 to 135 million duty steam pumping engines with boilers, as advertised for in Engineering News. Detail prices for this work may be seen under Contract Prices.

CINCINNATI, O.—Bids are asked by Board of Trustees until Aug. 1 for the laying of cast-iron pipe and special castings and valves on Eggleston Ave. and on Ninth St. Aug. Herrmann, Pres. (Advertised, Engineering News.)

ALLIANCE, O.—We are advised that city will vote on Aug. 5 on issuance of bonds for extensions to old water-works and for new water-works. Estimated cost, $100,000. The Mahoning River will be used for source of supply. O. R. Pfonts, Cy. Engr., will prepare plans.

FAIRMONT, O.—Bids are asked until July 25, at noon, for laying water mains in Cleveland Heights, O. Address William S. Phare, Village Clk., 402 American Trust Bldg., Cleveland, O.

FORT WAYNE, IND.—Water-works trustees have ordered that plans be prepared for a reserve reservoir with capacity of 9,000,000 gallons. Daniel W. Mead, of Chicago, is Engr.

COLUM... IND.—Filtration plant will be installed ... cost of $20,000.

EVANS... E, IND.—Harris & Shopbell, Archs., ... Stockery, Evansville, will prepare plans ... rebuilding river wall of the water-w... pumping station.

BELD... MICH.—We are advised that contract ... let on June 26 to the AMERICAN LO... WATER CO., of Kansas City, Mo., for ... ng pipe for water-works plant. GLADIE... Coville was awarded to GEORGE asked ... of Toledo, O. New bids are tion of ... 30 p. m., July 7, for construcam E... house and for trenching. Willman C... is Cy. Clk. The Riggs-Sheraldo, O., is Engr.

PETO... MICH.—Board Public Works has a... contract for building new reservoir ... ARTLETT & McMULLEN for $2,230 were opened June 16.

ELGI... L.—We are informed that definite... have been taken toward building new ... pipe and installing new boiler at wat... ion. Est. cost is $15,000. R. R. Parkin... t. Water-Works. Henry Dakin, Cy. Engr... will prepare plans.

KEWA... E, ILL.—Bids are asked until 7 p. m., ... ly 14, for furnishing all material and lab... and sinking a deep well for this city. ... les F. Sturtevant, Engr. S. J. Sharp ... a. Water Com. (Advertised, Engineering News.)

MOUN... OLIVE, ILL.—We are informed that bi... were received on June 30 for constructing ... ater-works in this village, as advertised ... in Engineering News. Young, Fardwell & Hooke, Frisco Bldg., St. Louis, Mo., are Engrs. Tom J. Byrne, 3125 Sheridan Ave., St. Louis, Mo., was lowest bidder, at $21,750.

MANITOWOC, WIS.—John S. Unger, Cy. Surv., has been requested by City Council to prepare plans and estimates for new water-works for the city of a capacity to supply 25,000 people.

LONE TREE, IA.—We are informed that nothing has been done yet towards proposed city water-works, estimated cost of which is $8,241. T. T. Carl is Mayor.

SIOUX CITY, IA.—Chicago, Milwaukee & St. Paul Ry. has awarded contract for 100,000-gallon water purifying plant, to be erected at this place, to WM. B. SCAIFE & SONS CO., Pittsburg, Pa.

CLINTON, MINN.—Bids are asked by F. W. Watkins, Village Clk., until noon, July 11, for a 12-HP. gasoline pumping engine and pump head, and one deep well pumping head belt drive.

MELROSE, MINN.—Bids were received on June 29 for installing water-works and electric light plant. W. D. Lovell, of Minneapolis, Minn., was lowest bidder, at $34,563, for entire plant. The Dwyer Plumbing & Heating Co., of St. Paul, was lowest bidder on power building, at $3,075; on steam plant, at $8,800; on pipe line, at $10,500, and on drive wells, at $250. Pastoret & Lung, Two Harbors, Minn., on electric plant, at $6,644. J. H. Honeywell, of Memphis, Tenn., for gas producer plant, at $9,900. The Chicago Bridge & Iron Co. of Chicago, for steel tower, at $3,840. Pastoret & Lung submitted bid of $31,250 for power plant, steam plant, steel tower, pipe line and wells. Oscar Claussen, National German-American Bank Bldg., St. Paul, is Engr.

SEDAN, KAN.—We are informed that city has made no arrangements for pump, standpipe nor any iron material for proposed new municipal water-works, which are to be installed at a cost of $30,000. Supply is to be from well and it is expected that works will be constructed by day labor. A bond issue was to be sold July 5. Mr. McFarland, Sedan, is Des. Engr.; Wm. Johnson is Mayor.

ALMA, NEB.—We are informed that contract for water-works and electric light plant for this city, bids opened June 22, has been awarded to McKEAN, BALL & CO., Chicago, Ill., for $15,740. M. A. Earl, Chicago, is Des. Engr.

PROVO, UTAH.—We are informed that an election will be held July 11 to vote on a $80,000 bond issue for water-works purpose. It is probable that the issue will be voted. Wm. M. Roylance is Mayor.

SNOWVILLE, UTAH.—Contract for construction of a reservoir at this place, estimated to hold 3,000 acre-feet of water, is stated to have been let to EDWARD RYAN, Corinne, Utah.

WINNIPEG, MAN.—Bids are asked until Aug. 7 for furnishing gas engine pumping plant of a capacity of 9,000 imperial gallons per minute against a pressure of 300 lbs. a sq. in. H. N. Ruttan, Cy. Engr. (Advertised, Engineering News.)

SEWERAGE.

The names of parties awarded contracts are printed in capital letters.

PROVIDENCE, R. I.—Bids were opened by State Sanitorium Commissioner, June 29, for construction of sewage plant at Wallum Pond institution, and the contract for the work was awarded to MITCHELL & JOHNSON, of Boston, Mass., for $5,390.

BRIDGEPORT, CONN.—The contract for construction of sewers in William St. has been awarded to A. D. CANFIELD, of Bridgeport. Bids were opened July 1, as advertised in Engineering News. W. W. Starr, Cy. Surv.

NEW BRITAIN, CONN.—Bids are asked by Board of Sewer Commissioners, 213 Main St., until July 17, for building sewers, manholes and appurtenances, for four sections city. (Advertised, Engineering News.)

KIRKIRK, N. Y.—A special sewer fund of $10,000 has been authorized by Common Council. Sewers will be constructed in the Third and Fourth Wards. Jas. P. Morrissey City. Engr.

NEW YORK, N. Y.—The following contracts were awarded by Jas. F. Ahearn, Boro. Pres., bids for which were opened June 28: J. McLAUGHLIN, 38 Park Row, alterations and improvements to sewer in Columbus Ave., east side, between 74th and 75th Sts., $3,661. T. A. SMITH, King's Bridge, New York City, alterations to sewers in East 104th St., between Second and Third Aves., $5,052; rebuilding and repairs to sewers in 147th St., between Harlem River in Lenox Ave., and in Lenox Ave., between 146th and 147th Sts., $3,346. M. MARONE, 414 East 116th St., sewers in West 150th St., between McCombs Dam Road and Seventh Ave., $7,060; sewers in 156th St., between Lafayette Boulevard and Riverside Drive, $6,463; sewers in 157th St., between Seventh Ave. and McCombs Dam Road, $7,192. H. L. STARR, 339 West 43d St., rebuilding and repairs to sewers in Albany St., between West and Greenwich Sts., $3,168.

OSWEGO, N. Y.—Bids are being received for 580 ft. of 24-in. sewer and manholes, catch basins, etc. Chas. H. Snyder, Cy. Engr.

ELIZABETH, N. J.—Bids will be advertised for in about 30 days for the construction of a sewer in Grand St. W. H. Luster, Jr., Cy. Engr.

ALTOONA, PA.—Bids are asked by Board Public Works, until July 11, 5 p. m., for construction of vitrified clay pipe sewers. Andrew Kipple, Chn.

WASHINGTON, D. C.—Bids are asked by District Commissioners until July 24 for construction of portion of sewage disposal system. (Advertised, Engineering News.)

WASHINGTON, D. C.—Bids are asked by the Building Committee, U. S. Department of Agriculture, Washington, D. C., until Aug. 1, for construction of a sewer for new buildings for the Department of Agriculture. B. T. Galloway, Chn. (Advertised, Engineering News.)

WASHINGTON, D. C.—Bids are asked by District Commissioners, until July 17, 12 M., for construction of sewer crossing 14th St., extended.

NORFOLK, VA.—Jamestown Exposition Co. has let contract to HANLEY-CASEY CO., of Norfolk, at $26,835, for laying sewerage, drainage and water piping on exposition grounds.

SISTERSVILLE, W. VA.—Bids will be received by Lynn Kirtland, Mayor, until July 10, for laying 700 ft. of 8-in. sanitary sewer and 200 ft. of 18-in. storm sewer. W. B. Woodruff, Cy. Clk.

MORGANTOWN, N. C.—The contract for 25,000 ft. of 6 and 8-in. pipe sewers has been awarded to GUILD & CO., of Chattanooga, Tenn. W. E. Walton, Chn. Sewer Com.

MARION, S. C.—A. H. Olmstead, of Marion, has been appointed engineer in charge of the construction of sewerage works for Marion by the Board Public Works.

QUITMAN, GA.—The following bids were received by the City of Quitman, June 28, as advertised in Engineering News, for construction of sewer system: A. L. Patterson & Co., Macon, Ga., $22,528; Geo. O. Tenny, Spartanburg, S. C., $24,694; Bryan & Co., Jacksonville, Fla., $27,602; Beeman & Co., Louisville, Ky., $26,377; West Const. Co., Chattanooga, Tenn., $26,204. H. S. Jandon, Engr., Quitman.

TAMPA, FLA.—Bids are asked by Board Public Works, until July 25, for construction of approximately 17 miles of sanitary sewers of vitrified salt glazed terra-cotta pipe. W. R. Fuller, Pres.; R. F. Bettis, Cy. Engr. (Advertised, Engineering News.)

TUSKALOOSA, ALA.—Bids are asked by F. G. Blair, Mayor, until July 10, for furnishing material and constructing about two miles of 8 to 15-in. pipe sewer.

TUSCUMBIA, ALA.—A. G. Negley, Cy. Engr., of Florence, has commenced the permanent survey of sewerage system in this city, which will be installed as soon as survey is made.

TROY, ALA.—The city is contemplating the installation of a sewerage system.

CORINTH, MISS.—Bids will be received until July 17, for about seven miles of 8 to 15-in. pipe sewers. T. E. Henry, Mayor. Kirkpatrick & Johnson, Engrs., Jackson, Miss.

MERIDIAN, MISS.—City has let contract to D. D. BROGGS, at $4,980, for sewerage construction.

COVINGTON, KY.—Bids are asked by City Clerk, until July 10, 4 p. m., for construction of a concrete sewer along and under Bullock St. W. E. Gunn, Cy. Engr.

DAYTON, O.—Ordinance has been passed by City Council, providing for the construction of sanitary sewers in part of sewer district No. 5. F. M. Turner is Cy. Engr.

RAVENNA, O.—The following bids were received June 24 by S. J. Post, Vil. Clk., as advertised in Engineering News, for construction of sanitary sewers, septic tanks and filter beds; (a) sewer system, (b) disposal: W. C. Fishburn, Pittsburg, Pa., (a) $66,553, (b) $33,064; J. M. Davidson, Akron, O., (a) $76,887, (b) $39,912; Chas. C. Heustis, Buffalo, N. Y., (a) $92,722; Piero & Turnbull, Canton, O., (a) $97,908; King-Lambert Const. Co., Des Moines, Ia., (a) $102,479; Ed. McShaffrey, Akron, O., (a) $78,111; Vetter & Merrian, Youngstown, O., (a) $86,843, (b) $33,732; S. W. Parshall, Akron, (a) $63,435; Geo. McNally, Pittsburg, Pa., (a) $92,350, (b) $38,858; W. J. Irwin, Greenville, O., (a) $80,948; John M. Healy, Chicago, Ill., (a) $105,278; John O'Neil, Akron, (a) $57,743; Clenimous Bros. Const. Co., Cleveland, (a) $83,836, (b) $40,921; Phillips & Bixel, Cleveland, (a) $77,435, (b) $39,868; W. J. Townsend Co., Cleveland, (a) $63,437; International Const. Co., Pittsburg, (a) $69,247, (b) $40,130; Bowman Bros., McKeesport, Pa., (a) $112,135, (b) $53,324; Beers & Doolittle, McKeesport, (a) $78,858, (b) $41,763; M. Applegate, Columbiana, O., (a) $67,608. W. E. Myers, Engr., Kenton, O. Itemized bids will appear in next issue under Contract Prices.

YOUNGSTOWN, O.—Resolutions have been adopted by City Council to construct sewers on Oak and Superior Sts. Pyatt W. Hubler, Cy. Clk.; F. M. Lillie, Cy. Engr.

CHILLICOTHE, O.—Bids were opened July 1 by Board Public service for constructing sewers in Main, Poplar and Rose Sts., and the contract awarded to JARDINE, BREWER & TOMLINSON, of Chillicothe. Cost, about $39,028. H. M. Reed, Cy. Engr.

WEST LAFAYETTE, IND.—Bids are asked by Board of Trustees, until July 17, for construction of sewers north of State St. and the Brown St. levee. Chas. T. Stallard, Town Clk.

RIVERSIDE, IND.—The Town Board has ordered the second preliminary survey for the proposed sewer system.

GAS CITY, IND.—The question of constructing a sewer system in Gas City is under consideration. Est. cost, $25,000. W. D. Hunt is Cy. Clk.

ALBION, MICH.—Bids are asked by Board Public Works, until July 10, for construction of a main sewer in and along Perry St., with laterals from Huron, Cass and Berrien Sts. L. W. Cole, Cy. Clk.

ROCK FALLS, ILL.—Bids will be received until July 7, for construction of about four miles of pipe sewers. Walter Murray, Mayor.

BELOIT, WIS.—Bids are asked by Board Public Works, until July 19, 3 p. m., for construction of storm water and sanitary sewers in various streets. R. R. Coldwell, Cy. Engr.

SOUTH MILWAUKEE, WIS.—The contract for constructing sewer in Marquette Ave. has been awarded to R. W. PRESTAL, of Milwaukee, for $2,245.

JANESVILLE, WIS.—Hannahan & Lindquist, Chicago, Ill., were the lowest bidders at $1,250, for sewers to be laid in 1905. C. V. Kerch, Cy. Engr.

GREEN BAY, WIS.—Upon the recommendation of the Committee on Sewers and Plumbing, 16 new sewers, in addition to the large number already authorized this year, were ordered installed in different parts of the city. A number of these sewers are on Main and Washington Sts. and will be put in so that the pavements may be laid early next year. Bids will be advertised for as soon as plans and specifications have been prepared by W. W. Read, Cy. Engr.

BOONE, IA.—Bids are asked by Archie Patterson, County Audr., until July 10, 1 p. m., for construction of County Drain No. 11.

HUTCHINSON, MINN.—J. F. HUGHES, of Hutchinson, was the lowest bidder, at $2,297, for construction of ten blocks of sewerage and the contract was awarded to him.

UNIVERSITY PLACE, NEB.—The contract for constructing new sewer system here has been let to CHAS. G. SHEELY, of Lincoln, Neb. Cost, $13,800.

OMAHA, NEB.—It is stated that bids will be opened on July 10, for construction of three large sewers. Andrew Rosewater, Cy. Engr.

ST. LOUIS, MO.—The Prendergast Const. Co., 5858 Maple Ave., St. Louis, was the lowest bidder, at $37,237, for repairs to sewers. Bids were opened June 21 by Board Public Improvement.

TULSA, IND. T.—The town has sold $40,000 bonds for construction of a sewer system.

FORT WALLA WALLA, WASH.—The contract for constructing sewers here was awarded, June 23, to E. W. RINER, 300 Seventh St., Portland, Ore., for $1,335. Capt. Noble H. Creager, Q. M.

PORTLAND, ORE.—Surveys have been made in City View Park and Sellwood for a uniform system of sewers. In all, there are 2½ miles of mains contemplated, and the cost will be about $28,000. Chas. Wanzer is Cy. Engr.

GARBAGE DISPOSAL.

The names of parties awarded contracts are printed in capital letters.

ATLANTIC CITY, N. J.—Bids will be received by City Council until July 10 for the collection of refuse all over the city.

PHILADELPHIA, PA.—Chief Sutcliffe, of the Bureau of Street Cleaning, has been requested by A. Lincoln Acker, Dir. Pub. Wks., to obtain estimates from contractors for sprinkling Chestnut, Market and other streets during the summer.

LOS ANGELES, CAL.—Mayor McAleer has approved the appropriation of $4,800 for site of new garbage incinerator in the Sixth Ward.

STREETS AND ROADS.

The names of parties awarded contracts are printed in capital letters.

AUBURN, ME.—The Board Public Works will recommend to the city government an appropriation of $30,000 to be expended on the streets for the next year.

WORCESTER, MASS.—CHAS. E. HORNE, Millbury, Mass., was awarded contract for building a section of highway in Worcester at $5,886. Bids were opened June 29.

AUBURN, MASS.—A. D. BRIDGE, Hazardville, Conn., has been awarded contract for building highway at Auburn for $4,732.

LYNN, MASS.—John Sheehan, Lynn, was the lowest bidder for building a road to subgrade between Pleasant and Commercial Sts., bids for which were opened June 29. Cost, about $25,000.

FALMOUTH, MASS.—The contract for building a section of state highway in Falmouth has been awarded to the LANE QUARRY CO., of Hingham, Mass., for $3,776.

TAUNTON, MASS.—City Council has awarded to WARREN BROTHERS CO., Boston, Mass., a contract for 12,000 sq. yds. of bitulithic.

WOONSOCKET, R. I.—The contract for about 400 yds. of granolithic paving on Main St. has been awarded to WARREN BROS. CO., of Boston, Mass., at $1.65 per sq. yd.

HARTFORD, CONN.—Bids are asked by Board of Street Commissioners until July 19 for grading about 1,800 lin. ft. of new highway on Albany Ave. Jas. Buths, Pres.; F. L. Ford, Cy. Engr. (Advertised, Engineering News.)

BRIDGEPORT, CONN.—Specifications for proposed buildings here are on file in office of Engineering News, 220 Broadway, New York. Bids will be received until July 17, as advertised in Engineering News.

BUFFALO, N. Y.—The Streets Committee of Board of Aldermen has voted in favor of paving Tonawanda St., widened, with asphalt. Francis G. Ward is Comr. Pub. Wks.

BROOKLYN, N. Y.—The cost of repaving the Bedford Ave. extension, authorized by Board of Estimate June 23, will be $126,000, while an additional $60,000 will be spent for the regulating, grading and curbing of sidewalk. Martin W. Littleton is Boro. Pres.

NEW YORK, N. Y.—The following bids were received June 30 by Jas. F. Ahearn, Boro. Pres., for regulating and repaving with wood block pavement on concrete foundation the roadway of East Broadway, from Chatham Sq. to Grand St.: U. S. Wood Preserving Co., 29 Broadway, $79,653; Franklin Const. Co., 1 Hudson St., $86,079; Eppinger, Russell Co., 68 Broad St., $82,384; Republic Const. Co., 18 Broadway, $87,123.

PEEKSKILL, N. Y.—Specifications for brick paving to be constructed here are on file in office of Engineering News, 220 Broadway, New York. Bids will be received until July 11, as advertised in Engineering News.

FORT TOTTEN, N. Y.—Bids were opened June 23 for grading, macadam roads and sidewalks, and contracts were awarded as follows: LAWRENCE COLLINS, Whitestone, N. Y., grading and roads, $15,103; P. B. ELKINS CO., Boston, Mass., sidewalks, $6,105. Capt. G. W. McManus, Q. M.

PATERSON, N. J.—Bids were received June 29 for repairs of roads in this county. J. S. Sowerbutt, Paterson; Preakness Crushing Co., Paterson, and W. A. Ferguson, Newark, were lowest bidders on three different sections.

FLEMINGTON, N. J.—Bids are asked by Board of Chosen Freeholders until July 24 for macadamizing Old York Road a distance of 29,323 ft. J. H. De Mott, Dir.

WASHINGTON, PA.—The contract for building three miles of road in this (Washington) county has been awarded to F. FELKEL, SON & CO., of Pittsburg, Pa., for $32,500.

SISTERSVILLE, W. VA.—Bids will be received by Lynn Kirtland, Mayor, until July 10 for grading, paving and curbing portions of Washington, Chestnut and Jackson Sts. W. B. Woodruff, Cy. Clk.

WILMINGTON, N. C.—Bids are asked by A. M. Waddell, Mayor, until July 25, for furnishing from 10,000 to 20,000 tons of crushed stone for making streets.

TAMPA, FLA.—Bids are asked by Board Public Works until July 25 for paving with vitrified brick and granite curbing approximately 16 miles of streets. (Advertised, Engineering News.)

TAMPA, FLA.—Bids will be received, it is stated, until July 25 for paving to cost about $200,000. R. F. Bettis, Cy. Engr.

FORT DE SOTA, FLA.—Bids are asked until July 27 for construction of brick road and concrete sidewalks. R. S. Pratt, C. Q. M.

BIRMINGHAM, ALA.—20th St., 19th St., Fifth Ave., Highland Ave. and South 20th St. will be paved with bitulithic. Contracts aggregating 98,457 sq. yds. have been awarded the SOUTHERN BITULITHIC CO.

MERIDIAN, MISS.—City has let contract to the SOUTHERN PAVING & CONST. CO., Chattanooga, Tenn., for vitrified brick paving, at $46,859.

NEW ORLEANS, LA.—The BARBER ASPHALT PAVING CO. is lowest bidder at $392,338, and will probably receive contract for paving four streets with asphalt.

NEW ORLEANS, LA.—Bids are asked by Bureau of Yards and Docks, U. S. N., Washington, D. C., until July 29 for grading and filling at naval station, New Orleans. Specifications on file in office of Engineering News, 220 Broadway, New York. Mordecai T. Endicott, Ch. of Bureau.

NEW ORLEANS, LA.—The Warren Asphalt Paving Co., Cambridge, Mass., was the only bidder for the building of plant to be owned and operated by the city for the repair of asphalt streets. Their bid was $11,800.

LOUISVILLE, KY.—The Board Public Works will shortly call for bids for construction with vitrified brick of about one mile of streets. J. B. F. Breed is Cy. Engr.

LOUISVILLE, KY.—The AMERICAN STANDARD ASPHALT CO., of Louisville, has been awarded the contract for resurfacing of four blocks of streets with asphalt.

PADUCAH, KY.—A contract for 40,000 sq. yds. of bitulithic paving has been awarded to the SOUTHERN BITULITHIC CO. by City Council.

PORTSMOUTH, O.—The contract for paving Sixth St. with vitrified brick was awarded by Board Public Service, June 28, to JAS. A. KELLEY & BROS. of Portsmouth, for $11,731, and for paving Lincoln St. with the same material to SAMUEL MONROE & SONS, of Portsmouth, for $5,032. The Sixth St. contract includes 670 ft. of sewers, 3 manholes and 15 catchbasins. For itemized bids see under Contract Prices.

CINCINNATI, O.—The following bids were received June 26 by Board Public Service, Geo. F. Holmes, Clk., for paving Second St. with granite: Kirchner Cont. Co., Cincinnati, $114,822; J. A. Eberhart, $121,336; Henkel & Sullivan, Bodman Bldg., Cincinnati, $115,747; Wm. Heffron Const. Co., Neave Bldg., Cincinnati, $116,439.

Bids were received at the same time and place for paving Pioneer St. with bitulithic as follows: Warren Bros. Co., $11,097; Henkel & Sullivan, $11,432; Kirchner Const. Co., $11,028.

FREMONT, O.—Board Public Service awarded to GARRIGAN BROS., of Toledo, O., the contract to pave West State St., for $36,099. Logan block is the material to be used.

DELAWARE, O.—Bids are asked by County Commissioners until July 17, 2 p. m., for grading, draining and macadamizing Rowlands Road, about 1½ miles. E. S. Mendenhall, Engr.

DAYTON, O.—Contract for repairing asphalt paving for this city, bids for doing which were received June 27, has been awarded to BARBER ASPHALT PAVING CO., Cincinnati, O., for $9,200. F. M. Turner is Cy. Engr.

CINCINNATI, O.—The contract for macadamizing Symmes St. was awarded to J. DELANEY & CO., 1768 East McMillan St., Cincinnati, and for macadamizing Highland Ave., to GEO. S. GLEASON & CO., Cincinnati.

Contracts for paving with bitulithic Pike, Ringgold, Lawrence and McAlister Sts. and Prospect Place have been awarded to HENKEL & SULLIVAN.

AKRON, O.—City Council has decided to resurface Howard St. with asphalt and bids will be advertised for immediately. J. W. Payne is Cy. Engr.

DAYTON, O.—Bids are asked by Board Public Service until July 12 noon, for construction of unfinished cement sidewalks on a number of streets. Wm. F. Miller, Clk.; F. M. Turner, Cy. Engr.

NEW PHILADELPHIA, O.—All bids were rejected by County Commissioners as being too high for grading Sugar Creek Falls Road. Bids will be readvertised for. A. V. Donahey is County Audr.

MANSFIELD, O.—Plans are being prepared by L. A. Keith, Cy. Engr., and bids will be taken in about four weeks for about 11,000 sq. yds. of brick or street asphalt paving.

MOUNT VERNON, IND.—Bids are asked by Common Council until July 17, 7:30 p. m., for paving Walnut and Mulberry Sts. with asphalt and laying artificial stone curb and gutter. Henry Kling, Cy. Clk.

LOGANSPORT, IND.—Bids will be received by Board Public Works until July 8 for paving North St. with bitulithic. W. A. Osmer is Cy. Engr.

LANSING, MICH.—Plans are being prepared by H. A. Collar, Cy. Engr., for the paving of Capitol Ave. and Washtenaw St.

DETROIT, MICH.—The Common Council has directed the department of public works to advertise for bids for paving 23d St. with cedar blocks, on concrete foundation, 26 ft. wide, with Medina, granite, Berea, North River, bluestone, Elyria or other suitable curbing; est. cost, $24,582. Also for paving an alley, 20 ft. wide, with vitrified block brick, on concrete; est. cost, $1,123. Wm. H. Maybury is Comr.

BELLEVILLE, ILL.—Contract for paving Illinois St. with brick, bids for doing which were received June 24, has been awarded to REEB BROS., Belleville, for $18,211.

LINCOLN, ILL.—The Public Building Committee of Board of Supervisors will receive bids until July 26 for filling, grading and excavating for walks of courthouse yard. F. E. Newton, Clk. Com.

PEORIA, ILL.—High St. will be resurfaced at an expense of $6,000. W. L. Stebbings is Cy. Civ. Engr.

MILWAUKEE, WIS.—Paving contracts, totaling $31,018, have been awarded to HENRY HASE by Board Public Works.

RHINELANDER, WIS.—Bids are asked by Board Public Works until July 27 for grading, curbing and paving with macadam portions of seven streets. Richard Reed, Chn.

TACOMA, WASH.—Bids for the paving of North Second and Third Sts. with asphalt will be called for about the middle of July. Frank L. Davis, Cy. Engr. Previously noted.

CRESTON, IA.—Sealed proposals will be received until July 21, 8 p. m., by A. W. Schimpff, Cy. Clk., for nine blocks of brick paving. J. C. Sullivan, Mayor.

BAMBRICK CONST. CO., 721 Olive St., St. Louis, Hunt and Racecourse Aves., $21,561; FRUIN & COLNON, Laclede Bldg., Warne and Manchester Aves., $46,287.

GRANITE CITY, MO.—City Council has appropriated $40,000 for laying 2½ miles of street paving. The material to be used is vitrified brick.

HOT SPRINGS, ARK.—The City Council has passed an ordinance providing for paving certain streets in this city. The Mayor can give information.

BELLINGHAM, WASH.—The contract for paving Holly St. with brick has been awarded to T. RYAN, of Seattle, for $29,209.

SPOKANE, WASH.—New bids will be asked for grading, curbing and sidewalking Post St., from Third to Fourth; also for sidewalking Mill St., from Sharp to Waverly Place. A. F. Gill is Cy. Engr.

EVERETT, WASH.—It is stated that bids will be called for at once for paving Hewitt Ave. with brick or asphalt. W. I. Barkhuff is Cy. Engr.

SEATTLE, WASH.—The Board Public Works, on July 1, 1905, will recommend to City Council the ordering of the improvement of Fourth Ave. and other streets, by grading and regrading, at an estimated cost of $140,000. This improvement will result in cutting down residence property, making it suitable for retail business property. The cuts will, on an average, be about 22 ft. As soon as this work is ordered by Council, damage proceedings will be commenced, and as soon as they are settled, actual work of regrading will commence. It is expected that this will be accomplished and work well under way by the end of present year. R. H. Thompson, Cy. Engr.

SEATTLE, WASH.—Contract has been awarded to SPARGER CONCRETE CO. for construction of concrete walks on Boston and other streets, for $13,142.

SEATTLE, WASH.—Bids will be received by C. B. Bagley, Secy. Bd. Pub. Wks., until July 15 for paving on Connecticut St. with vitrified brick; est. cost, $16,400.

Bids will be received at the same time and place for grading 38th Ave. N., and other streets. Est. cost, $6,500.

MANUFACTURING PLANTS.

The names of parties awarded contracts are printed in capital letters.

SALEM, MASS.—Hennessey & Thompson, shoe manufacturers, Lynn, will build a four-story brick shoe factory.

LYNN, MASS.—The General Electric Co. will build three factories, of brick and steel, with glass roofs. Two buildings to be 129 × 200 ft., and a third, 80 × 200 ft.

TORRINGTON, CONN.—Chas. S. Palmer, Arch., Meriden, Conn., has plans in progress for a factory to be erected at Torrington, for the Excelsior Needle Co. Brick, 4 stories, 75 × 200 ft.

The same architect is also preparing plans for factory for the Hendee Machine Co. Brick, 3 stories, 50 × 120 ft.

NEW YORK, N. Y.—DEISLER & STEVENSON, 1135 Broadway, have been awarded general contract for erecting a new factory at 416-18 West 45th St., for Stern & Saalberg, 311 West 40th St., candy manufacturers. Brick and stone, 6 stories, 50 × 100 ft. Buchman & Fox, Archs., 11 East 59th St. Owners are considering boilers, engines, motors, generators, switchboards, electric wiring, etc.

BROOKLYN, N. Y.—The Tuttle & Bailey Co., North Tenth and Berry Sts., Brooklyn, is taking figures on an addition to their factory in Brooklyn. Brick, 3 stories, 75 × 200 ft. Engines, generators, motors, heating system and electric elevator.

NEW YORK, N. Y.—The new factory to be erected at 115-17 East 29th St., for Richard Hudnut, of which plans were prepared by H. I. Cobb, Arch., 42 Broadway, will be refigured as soon as plans are revised somewhat. The new plans will call for a brick, fireproof building, 11 stories, 50 × 100 ft.

ROCHESTER, N. Y.—The American Button Co., 190 St. Paul St., is having plans drawn for one of the largest button factories in the country. A tract of land comprising eight acres has been purchased along the New York Central R. R. 1,000 ft., and with a frontage on N. Union St. of more than 500 ft. Four buildings will probably be erected for the use of the business of two factories already here and two others to be brought here from Newark, N. J.

NEWARK, N. J.—J. F. Cook, Arch., 45 Clinton St., Newark, is taking figures on an addition to the American Undergarment Co.'s factory at 34 Green St., Newark. Brick, 5 stories, 50 × 100 ft. Heating system, plumbing, shafting, belting, boilers, electric motors, etc.

JERSEY CITY, N. J.—JAMES BILLINGTON, Jersey City, has been awarded contract for mason work, and H. Z. NIBLETT & SONS, Jersey City, has been awarded contract for carpenter work, for new building to be erected for the Eureka Fire Hose Co., in Jersey City. Brick, 2 stories, 75 × 100 ft. Boilers, heating system, motors, electric wiring, shafting, belting and pipe covering. M. Stone, care of owners at Arlington and Wilkinson Aves., is in charge.

CARBONDALE, PA.—The Francis Stout Memorial Hospital is having plans prepared for a laundry building and boiler house. New boilers and laundry will be required.

READING, PA.—L. H. Focht, Reading, has been awarded the contract for No. 2 puddle mill for the Reading Iron Foundry. Brick and steel, 1 story, 90 × 220 ft., 120 × 80 ft. and 85 × 65 ft.

SHARON, PA.—It is reported that the Driggs-Seabury Ordinance, Corporation, of Sharon, will issue $600,000 of preferred stock for proposed improvements.

BALTIMORE, MD.—M. S. Levy & Sons, Paca and Lombard Sts, straw-hat manufacturers, have awarded contract to JOHN A. SHERIDAN CO., 321 North Holliday St., for construction of factory at King and Paca Sts. Brick, 5 stories, 60 x 87 ft. Brick with stone trimmings, steel beams and girders, slag roof, sanitary plumbing, electric wiring and fixtures, and heating system not in contract. Cost, about $50,000. Louis Levi, Arch., 704 Union Trust Bldg., Baltimore.

Wm. Knabe & Co., piano manufacturers, Maryland and Mt. Royal Aves., have awarded contract to HENRY S. RIPPEL, 7 Clay St., for construction of factory at Eutaw and West Sts. Brick, 5 stories, 55 × 220 ft. Reinforced concrete floors, columns, girders, roof; electric wiring and fixtures, sanitary plumbing, heating and elevator not in contract. The contract for the concrete work has been awarded to the BALTIMORE FERRO-CONCRETE CO., Calvert Bldg., Baltimore. Dodge & Day, Engrs., Philadelphia, Pa.

CINCINNATI, O.—The U. S. Eighth and Evans Sts., will bu according to plans being pr Dornette, Arch., Pickering Bl It will be of brick and iron co 95 ft.

TOLEDO, O.—Geo. S. Mills, Bldg., Toledo, will receive bid for a brick building 200 × 400 f can Iron Works. Plans are al for a steel shop, foundry, pat office building. Contracts for let later on.

EVANSVIILE, IND.—The N Foundry Association has order new mold shop and alteration cently acquired. Bids will b soon as plans are completed. is Pres.

TERRE HAUTE, IND.—Th Distilling Co.'s plant, recently fire entailing a loss of $125,00 built at once. Bids will be rec days. Fred. Smith is Pres.

CHICAGO, ILL.—Nimmons & Dearborn St., will prepare plan ufacturing plant, to be erect Heights for the Morden Frog & Rookery Bldg. Buildings wi main building, 250 × 700 ft.; o power-house, pattern shop, etc. 000. E. C. Shankland & Co., R are Structural Engrs.

RHINELANDER, WIS.—Fire d plant of the Wisconsin Veneer Co loss of $100,000.

LA CROSSE, WIS.—J. Egan, St., will prepare plans and let co two-story factory building, 150 x crete blocks, with concrete floors construction. Will also erect se ing for warehouse and shipping r tract will be let about Aug. 1.

PUGET SOUND, WASH.—Specifi extension to joiner shop at navy Sound, bids for which are to be 5, are on file in office of Engineering 220 Broadway, New York.

PORTLAND, ORE.—The Weste Co. has sold its plant to the N cuit Co., and it is understood that fer will result in extensive enlarg the works.

EDMONTON, N. W. T.—Ex-Mayor Short is interested in a company formed to erect a 250-bbl. flour mill, at a cost of $50,000.

CONTRACT PRICES.

[Where (*) precedes items under Contract Prices the work was advertised in Engineering News.]

SEWERS.—Janesville, Wis. — Following bids were received June 22 for sewer to be laid in 1905:

Bids received at Janesville, Wis., June 22, for Sewers to be Laid in 1905.

Name and address.	—1,673 ft. 8-in. Sewer.— Bid.	Amount.	—Five Manholes— Bid.	Amount.	Total.
Hanrahan & Lindquist, Chicago, Ill.	.65	$1,087	$32.50	$162	$1,250
R. Nommensen, Sheboygan, Wis.	.66	1,104	30.00	150	1,254
Finley & McGavock, Beloit, Wis.	.65	1,087	35.00	175	1,262
C. J. Crilley, Milwaukee, Wis.	.87	1,455	35.00	175	1,630

Thos. White, carriage manufacturer, 514 West Pratt St., has awarded contract to WOODRUFF-McLAUGHLIN CO., 100 East Lexington St., for construction of building at 752 West Saratoga St., and the construction of blacksmith shop in the rear.

Rice Bros., 318 North Gay St., have commissioned Owens & Sisco, Archs., 14 West Lexington St., Baltimore, to prepare plans and specifications for the enlargement of their bakery.

The Monumental Label Co., Holliday and Hillen Sts., will erect an additional story on factory, 60 × 90 ft., at 321 North Holliday St.

The Phoenix Pad Co., Eagle and Monroe Sts., has awarded contract to E. D. PRES-

*PUMPING MACHINERY.—Toledo, O.—Following bids were received June 30 by Board Public Service for construction, delivery and erection of low surface pumping machinery for the improvement of water: (1) Kilby Mfg. Co., Cleveland; (2) Providence (R. I.) Engr. Works; (3) Builders Iron Foundry Co., Providence, R. I.; (4) Olds Gas Engine Works, Lansing, Mich.; (5) Holly Mfg. Co., Buffalo, N. Y.; (6) Snow Steam Pump Works; (7) Arbuckle, Ryan & Co., Toledo; (8) Allis-Chalmers Co., Milwaukee, Wis.; Allis-Chalmers Co.; (9) S. M. Jones Co., Toledo; (10) Heisler Mfg. Co., St. Marys, O. We are informed by Edward D. Bolton, Engr. Filtration plant, that bids of (1), (2) and (7) were informal.

BIDS RECEIVED AT TOLEDO, O., JUNE 30, 1905, BY BOARD OF PUBLIC SERVICE, FOR CONSTRUCTION, DELIVERY AND ERECTION OF LOW SURFACE PUMPING MACHINERY—CONTRACT NO. 1—FOR THE IMPROVEMENT OF WATER SUPPLY.

Description of Plant.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(9)	(9)	(9)	(9)	(10)
Item "A": Centrifugal pumps—Labor	.....	.....	.....	$1,200	.....	.....	.....	$32,000	.....	$37,000	$32,700	$36,000	$31,000	.....
Gas engines—Material	.....	.....	.....	53,872	.....	.....	.....	28,700	.....	18,500	16,300	18,000	16,000	.....
Gas producers—Total	.....	.....	.....	$55,072	.....	.....	.....	$60,700	.....	$55,500	$49,000	$54,000	$47,000	.....
Item "B": Steam pumps—Labor	$41,600	$35,726	$31,000	.....	$39,713	$28,890	$45,595	.....	$27,000	.....	.....	.....	.....	$5,975
Boilers—Material	58,190	39,274	31,000	.....	39,713	28,890	4,000	.....	25,300	.....	.....	.....	.....	47,098
Total	$94,790	$75,000	$62,000	.....	$79,426	$57,780	$49,595	.....	$52,300	.....	.....	.....	.....	$53,074
Extra producers or boilers, 125 H. P.	2,768	3,500	3,000	2,900	3,300	3,300	.....	6,500	2,120	6,490	5,170	6,490	5,170	3,190
" " 175 H. P.	3,322	4,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,832
Duty D, 5 mill. gals. (ft. lbs. per 100 lbs. coal).	108,000	90,000	85,000	84,000	84,000	73,000	.....	29,000	65,000	76,000	109,000	81,000	119,000	90,000
Duty C, 10 " " " "	126,000	105,000	100,000	112,000	96,000	83,000	.....	52,000	92,000	74,000	108,000	83,000	122,000	95,000
Duty B, 12.5 " " " "	130,000	110,000	105,000	125,000	105,000	91,000	.....	62,000	105,000	75,000	109,000	79,000	115,000	100,000
Duty A, 15 " " " "	135,000	115,000	110,000	135,000	111,000	97,000	.....	70,000	110,000	54,000	79,000	56,000	81,000	105,000
Repairs A, first 3,000,000,000 galls.	.....	350	100	15	500	500	.....	750	150	50	50	20	20	500
Repairs B, second 3,000,000,000 galls.	.....	350	100	30	500	500	.....	750	150	75	75	30	30	800

DAVENPORT, IA.—A contract has been let to GUST & SONS for the laying 150,000 sq. ft. of cement sidewalk.

CLARINDA, IA.—The time for receiving bids for construction of approximately 10,380 sq. yds. of brick paving and 6,955 lin. ft. of curbing has been postponed from July 7 to 14. Wm. Christie, Jr., Engr., Red Oak, Ia.

ST. PAUL, MINN.—Bids are asked by County Commissioners until July 17, 10 a. m., for macadamizing certain roads throughout the county.

ST. PAUL, MINN.—D. W. Moore, 902 Edmund St., St. Paul, was the lowest bidder for surfacing Arcade St. and Point Douglas Road, at $4,769 and $4,987, respectively.

WICHITA, KAN.—City Council has awarded contract for resurfacing with asphalt paving on Main St. and Douglas Ave. to the CLEVELAND TRINIDAD PAVING CO. Cost, $30,000.

ST. LOUIS, MO.—The Board Local Improvements has let the following paving contracts: GRANITE BITUMINOUS PAVING CO., Floriscant Ave. and 13th St., $46,592; FRUIN-

Engines, generators, boilers, motors, wiring, heating system and plumbing.

WALTON, N. Y.—James Munn, of Walton, piano manufacturer, will erect a new factory building. Brick, five stories, 75 × 300 ft. Engines, generators, motors, shafting and belting.

OSWEGO, N. Y.—The Corn Products Co., 25 Broad St., New York, will rebuild their factory at Oswego, which burned about a year ago. There will be six new buildings of brick and steel, each five stories; also a one-story power house. Boilers, engines, generators, coal handling machinery, pumps, blowers, shafting, belting, brick stack, 'phone system, etc.

SYRACUSE, N. Y.—Cahill Bros. will build an addition to their factory at 243 Shonnard St. Cost, $10,000.

WATERTOWN, N. Y.—Knowlton Bros. will soon let contracts, after plans for an addition to their paper mill here. One story, brick and steel, used for machine room of entire plant. New brick chimney. Entire remodeling of present plant.

TON, 140 West Fayette St., for construction of an addition to its plant. Brick, mill construction, 3½ stories, 48 × 96 ft. Cost, about $6,000.

The A. L. Webb branch of the American Distributing Co. will build a brick and stone distillery at Curtis Bay, on a site just purchased. Cost, $100,000.

FULTON, KY.—Fulton Mfg. Co., recently incorporated, with $15,000 cap. stock, to take over the plant of Swiggart Mfg. Co., manufacturers of whipstocks, golf sticks, gunrods, etc., will erect two two-story buildings, 45 × 90 and 20 × 30 ft., respectively. J. T. Stubblefield is Gen. Mgr.

OWENSBORO, KY.—The Rock Spring Distillery will begin at once rebuilding the plant destroyed by fire June 14. A. Rosenfeld is Gen. Mgr.

LOUISVILLE, KY.—Dr. W. E. Brown, care V. H. Engelhard, is looking for a site for the erection of a tannery.

CLEVELAND, O.—Watterson & Schneider, Archs., New England Bldg., have plans for a five-story power and factory building, on Euclid Ave., for Mr. Abbott, of Bruce, Meriam, Abbott Co., Columbus St.

MISCELLANEOUS CONTRACTS.

The names of parties awarded contracts are printed in capital letters.

PITCH, OIL, ETC.—Washington, D. C.—Bids are asked by Isthmian Canal Commission until 10.30 a. m., July 15, for furnishing pitch, oil and asphaltum.

WHARF REPAIRS.—Winthrop, Mass.—Contract for repairs to wharf at Fort Banks has been awarded to GEORGE HAYE & CO., Boston, Mass., for $3,500.

DREDGING.—Savannah, Ga.—Bids are asked until August 2 for dredging Midway Narrows, Ga. James B. Quinn, Eng. Corps. (Advertised, Engineering News.)

DREDGING.—Norfolk, Va.—Bids are asked until August 3 by Capt. E. Eveleth Winslow, Engrs., for dredging harbor at Cape Charles City, Va. (Advertised, Engineering News.)

ICE PIERS. — Gallipolis, O.—DUVALL BROS., Gallipolis, are stated to have been awarded contract for constructing the concrete ice piers at this place. Work will cost about $15,000.

READERS' WANTS

If any one is in the market for any engineering or contracting supplies, the first thing is to refer to our advertising pages, but if the buyer cannot find what he wants we particularly ask that he notify us at once and we will inform the proper parties without cost to the inquirer. A copy of **ENGINEERING NEWS BUYERS' GUIDE** will be mailed any one upon application. This paper will always appreciate any news notes regarding public, or important private work, and will be pleased to receive detailed items. Request old names will be complied with in every case. **Do not fail to write our advertisers or us.**

ELE... — Shelbyville, Tenn. — The Dixie ... Co. is reported in the market for elevat... moving grain.

CON... MIXER.—Little Rock, Ark.—It is ... that the Leifer Mfg. Co., Little Rock ... in the market for the above.

CAS... —Kansas City, Mo.—The American ... Clamp & Mfg. Co. is reported as can ... es on steel and malleable castings wanted.

STEAM PUMP AND BOILER.—Savannah, Ga.—T... Davis-Forrest Machine Works is understood to be in the market for a 1½in. steam pump and a 60 to 100HP. return tubular boiler.

CONCRETE BUILDING BLOCK MACHINES.—Elgin, Ga.—E. L. Reid, R. F. D. No. 1, Elgin, Ga., writes us that he wants the addresses of manufacturers of concrete building block machines.

POLE ROAD LOCOMOTIVE.—Alaska.—H. M. Hessing, Fairbanks, Alaska, writes us that he is in the market for a pole road locomotive. The specifications may be seen at the office of Engineering News, 220 Broadway, New York.

CALKING TOOLS.—New York, N. Y.—J. Edward Ogden Co., 147 Cedar St., New York, writes us that it wants data relating to a tool used in calking pipe with lead when laid under water.

TRACK FITTINGS, RAILWAY SUPPLIES, CARS, SWITCHES, SAWMILL MACHINERY, ETC.—Mexico.—We are informed that the Mexican Flume & Lumber Co., 3er Piso Cuartos Nos. 3, 4 and 7, Apartado 2279, Mexico City, will soon be in the market for railway supplies, and for a complete sawmill of 50,000 ft. capacity daily. Chas. F. Parker, Ch. Engr., Indaparapeo, Esta. de Michoacan, Mexico.

ELECTRICAL APPARATUS.—It is stated that the R. I. Co., Lawrence McRae, Audr., of Spray, N. C.; Moise De Leon, of Atlanta, Ga.; Arthur Cobb, Mgr. Yarboro House, Raleigh, N. C.; the Dowling Lumber & Naval Stores Co., Live Oak, Fla.; the Atlantic Trust & Deposit Co., Strasburg, Va.; the Strasburg Mfg. Co., Strasburg, Va., J. W. Cain, Pres. Washington College, Chestertown, Md., and the Campbellsville Electric Light Co., of Campbellsville, Ky., are in the market for all kinds of electrical appliances.

MISCELLANEOUS CONTRACTS.

CONDUIT.—Salt Lake City, Utah.—We are informed that city will let contracts next month for concrete steel conduit, seven miles long. Est. cost, $300,000. George W. Riter, Cy. Engr.

JETTY WORK.—Sabine Pass, Tex.—Contract for jetty work at this place for U. S. Government has been awarded to CHARLES CLARKE & CO., Galveston, Tex. Bids were opened June 15.

STEEL WORK.—Louisville, Ky.—Contract for steel work for Boulé dam, Ohio River, has been awarded to the BRACKETT BRIDGE CO., Cincinnati, O., for $19,665. Bids were received June 15 at U. S. Engineer's office.

TELEPHONE APPARATUS.—Washington, D. C.—Bids are asked by Disbursing Officer, Signal Corps, U. S. Army, until 2 p. m., July 14, for furnishing telephone apparatus, consisting of desk telephones, wall apparatus, etc.

WHARF, ETC.—Detroit, Mich.—Bids are asked until July 31 for material and labor for construction of wharf, oil house and buoy shed for a light-house depot on Minnesota Point, Minn. Maj. Lansing H. Beach, U. S. Engrs.

LEVEE.—Greenville, Miss.—Bids are asked until 4 p. m., on July 10, by the Board of Mississippi Levee Commissioners for the construction of about 900,000 cu. yds. of levee. C. H. West, Ch. Engr. (Advertised, Engineering News.)

DREDGES.—Duluth, Minn.—Duluth-Superior Dredging Co., which recently filed articles of incorporation, is stated to be about to let contracts for construction of two 10-yard dipper dredges and one 20-in. hydraulic dredge. Wm. Clifford is Pres. and R. B. Knox, Secy.

DREDGING.—Wilmington, Del.—Bids were received on June 26, as advertised in Engineering News on June 1, for dredging Christiana River. C. A. F. Flagler is Engr. The Bowers Hydraulic Dredging Co., of Camden, N. J., submitted low bid, at 11 cents per cu. yd.

LIGHT TOWER, ETC.—Mobile, Ala.—Bids are asked until August 1 for a light-tower, three keepers' dwellings, an oil house, three storehouses, a wharf, fences and plank walks, for Hillsboro Inlet Light-Station, Fla. Maj. W. E. Craighill, Engr. (Advertised, Engineering News.)

CEMENT.—Glendive, Mont.—Bids are asked by F. E. Weymouth, Engr., at Glendive, until 10 a. m., July 31, for furnishing from 12,000 to 16,000 barrels of Portland cement, f. o. b., car at Glendive. E. A. Hitchcock, Secy. Dept. Interior. (Advertised, Engineering News.)

DREDGING.—Philadelphia, Pa.—Bid received on July 1, by the Bureau of Yards and Docks, Navy Dept., for dredging at the Navy Yard, League Island, Pa., was as follows: American Dredging Company, 510 Merchant & Mariner Bldg., Philadelphia, Pa., 18½ cts. per cu. yd.

BREAKWATER.—Newport, R. I.—Pay Director H. C. Drury, in charge of the navy pay office here, has awarded a contract for building the breakwater naval coaling station at Bradford, Narraganset Bay, to ROY H. BEATTIE, of Fall River, Mass. The contract price is $104,890.

GRADING AND FILLING.—New Orleans, La.—Bids are asked by Bureau Yards and Docks, Washington, D. C., until July 29 for grading and filling at naval station, New Orleans. $35,000 is available for the work. Specifications are on file at office of Engineering News, New York.

LEVEE WORK.—Memphis, Tenn.—St. Francis Levee Board has awarded contracts for about $155,000 worth of levee work, requiring moving of 885,690 cu. yds. of earth, to the following parties: LAWRENCE BROS. & CO., Memphis; SHIPPEY & OUTZEN, Memphis; R. L. LEONARD, Memphis.

DREDGING.—Charleston, S. C.—Following bids were received June 26 by Capt. G. P. Howell, U. S. Engrs., for dredging a canal across Fenwicks Island, S. C.: P. Sanford Ross, Inc., Jersey City, N. J., $17,970 (recommended for acceptance); Simons-Mayrant Co., Charleston, S. C., $17,983; Atlantic, Gulf & Pacific Co., New York, $19,250.

LEVEE WORK.—Memphis, Tenn.—The Talley-Bates Construction Co., 24 South Front St., Memphis, announces that it has 1,000,000 yards U. S. Government levee work to let. Prices 15 to 25 cts. per cu. yd. Near Memphis, Tenn., and Helena, Ark. About 70 per cent. new work, the balance enlargement. Material sandy loam and buckshot.

SUPPLIES.—Washington, D. C.—Bids are asked by Isthmian Canal Commission until 10:30 a. m., on July 31, for furnishing air compressors, pneumatic hammers, drills and boring machines, marine boilers, rubber hose, sheet iron, steel rivets, salinometers, and salinometer pots. D. W. Ross, Gen. Purchasing Office. (Advertised, Engineering News.)

STEEL LOCK GATES.—Pittsburg, Pa.—Bids are asked until noon, July 31, for building and erecting in place eight steel lock gates, two each at Locks Nnumbers Two, Three, Four and Five, Ohio River, about nine, eleven, eighteen and twenty-five miles, respectively, below Pittsburg. Maj. Wm. L. Sibert, Engrs. (Advertised, Engineering News.)

SPIKES, NAILS, ETC.—Washington, D. C.—Bids are asked by Bureau Supplies and Accounts, Navy Department, until Aug. 1, for furnishing quantity of naval supplies, among which are the following: Schedule 26, spikes, nails, steel rope, sewer pipe, etc.; Schedule 28, oak, cedar, motors, etc.; Schedule 29, wire, wire rope, emery grinder valves, pipe fittings, etc. H. T. B. Harris, Paym. Gen., U. S. N.

DREDGING.—Washington, D. C.—U. S War Department has awarded contracts for dredging 35-ft. channel in the Paptasco River, as follows: MARYLAND DREDGING & CONTRACTING CO., two sections, $501,139; CHARLES W. EATON, Haverhill, Mass., one section, $497,156. The first named company was also awarded contract for dredging Susquehanna River, near Havre de Grace, Md., for $9,085.

POWER CABLES.—Bids were received on July 1, for underground, lead-incased, braid-covered, incandescent lighting and power cables, Navy Yard, League Island, Pa. Bids were as follows: National Conduit & Cable Co., 41 Park Row, New York, $24,586; John A. Roebling's Sons Co., 612 South Broad St., Trenton, N. J., $22,962; Standard Underground Cable Co., 618 Westinghouse Bldg., Pittsburg, Pa., $22,965; American Steel & Wire Co., Battery Park Bldg., New York, $24,716.

SAND BINS.—Washington, D. C.—Following bids were received June 29 at U. S. Engineer's office for constructing 29 concrete-steel sand bins for the Washington filtration plant: Rudolph S. Blome & Co., Chicago, Ill., $48,838; R. J. Beall Construction Co., Washington, D. C., $73,075; Bell Engineering & Construction Co., New York, $67,496; Brennan Construction Co., Washington, D. C., $55,100; Bunting Construction Co., Long Island City, N. Y., $64,300; Sand Filtration Corporation of America, Washington, D. C., $56,342; Tucker & Vinton Corp., New York, $96,239.

STONEWORK.—Buffalo, N. Y.—Bids will be reopened on July 8, for the construction of stone superstructure and sea slope and for stone rip-rap on south harbor section of the Buffalo breakwater. The United States engineering department opened bids for this work on May 29, but under instructions from headquarters the bids received have all been rejected. The proposed work will be begun this season and will take about two years for completion. The government will spend about $100,000 in thus improving that part of the Buffalo harbor. This work was advertised in Engineering News on May 4. Lt.-Col. H. M. Adams, Engrs., is in charge.

U. S. POSSESSIONS AND CUBA.

PANAMA.—The Isthmian Canal Commission, at a meeting on July 1, approved the recommendation of its engineering committee that all bids relative to dredging Colon Harbor be rejected.

For other Proposal Advertisements see pages 35, 36, 37, 38, 39, 40, 41 of Advertisements and Construction News page 7.

BRICK PAVING AND PIPE SEWERS.

Tampa, Fla., June 24, 1905.

Proposals for furnishing the material and labor necessary for the paving with vitrified brick and granite curbing of approximately sixteen miles of streets, in the city of Tampa, Florida.

Also proposals for furnishing the material and labor necessary for the construction of approximately seventeen miles of sanitary sewers of vitrified salt glazed terra cotta pipe with such Y's, T's, manholes, lamp holes, flush tanks, and foundation plank as may be necessary, all in the city of Tampa, Florida.

Sealed bids for the aforesaid work will be received at the office of the Board of Public Works, Room No. 28, First National Bank Building, Tampa, Florida, until 12 o'clock noon, Tuesday, July 25th, 1905.

Specifications for the above work and material can be obtained from the office of the Engineer of the Board on and after July 1st, 1905. Bids must be made for each street, avenue and alley separately. Blank forms will be furnished by the Engineer upon application.

Payments for above work will be made with "certificates of indebtedness for paving and sewering," or cash, as the Board of Public Works may elect. A certified check in the amount of 3% of amount of bid must accompany each bid. All bids for the above work must be made subject to these conditions.

The right is hereby reserved to reject any or all bids, or parts of bids, at the option of the board.

W. R. FULLER,
President.

Attest: S. L. BIGLOW,
Clerk. 1-3t

SEWERS.

Sealed bids will be received by the Board of Sewer Commissioners of New Britain, Conn., at their office, No. 213 Main St., up to one o'clock, Monday, July 17, 1905, for building sewers, manholes and appurtenances for four sections of the City of New Britain, as per plans, profiles and specifications on file in the office of said Commissioners, as follows:

Section A. Approximately two and one-quarter miles of pipe sewers from eight inches to fifteen inches in diameter; depth, from six feet to nineteen feet.

Section B. Approximately four and one-quarter miles of pipe sewers from eight inches to twenty inches in diameter and from five feet to eighteen feet deep.

Section C. Approximately five miles of pipe sewers from ten inches to eighteen inches in diameter and from five feet to twenty feet deep.

Section D. Approximately two and one-half miles of pipe sewers from eight inches to fifteen inches in diameter and from six feet to twenty feet deep.

Bids will be received for each section separately.

Each bid for each Section shall be accompanied with a certified check for One Thousand Dollars, payable to the Treas. of the City of New Britain, Conn.

All bids will be made upon the blanks furnished by the city.

The right is hereby reserved to reject any or all bids as the interest of the city may appear.

Board of Sewer Commissioners.
SAMUEL H. STEARNS,
EDGAR H. BEACH,
JAMES HEALY.

Address:
WILLIAM H. CADWELL, Engineer.
1-2t 213 Main St., New Britain, Ct.

WATER-WORKS.

Peterboro, N. H.

Sealed proposals will be received by the Water Committee of the town of Peterboro, N. H., until 2 P. M. of Monday, the 17th day of July, 1905, for laying pipe and setting gates and hydrants on a proposed extension of existing water-works.

Work will include approximately two and one-half miles of 8 and 6-inch pipe.

Plans and specifications may be obtained at the office of the Clerk of the Committee at Peterboro, N. H.

E. W. JONES,
Clerk of Water Committee.

Engineer,
FRANK A. GAY,
Manchester, N. H. 1-2t

DEEP WELL.

Kewanee, Ill.

Sealed proposals will be received by the Water Committee of Kewanee, Illinois, until 7 o'clock p. m., July 14, 1905, for furnishing all material and labor and sinking a deep well for said city.

Plans and specifications and blank forms of proposal for the well may be obtained on application to the Water Department, City of Kewanee, Ill.

A certified check for $300.00 must accompany each bid, as a guarantee that the bidder will enter into the contract prepared by the Water Department and furnish the required bond, said check to be made payable to the order of Oscar Peterson, Treasurer of Kewanee, Ill. The check must be properly certified, and the same will be forfeited to the City of Kewanee, Ill., as liquidated damages in the event the bidder, who is awarded the contract, fails or refuses to execute the contract within 10 days from such award, and furnish the required bond.

A satisfactory Surety Company bond for one-half of the amount of the contract will be required.

The right to reject any or all bids is reserved.

S. J. SHARP,
Chairman Water Committee.
CHAS. F. STURTEVANT,
Engineer. 1-1t

LEVEE WORK.

Greenville, Miss.

Sealed proposals will be received at the office of the Board of Mississippi Levee Commissioners, Greenville, Miss., up to 4 p. m., Monday, July 10th, 1905, for the construction of about 900,000 cubic yards of levee.

Profiles, plans and specifications may be seen, and other information that bidders may desire, obtained at this office.

No bids will be considered unless accompanied by a forfeit of 3 per cent., and if accepted, good and sufficient security will be required for the proper execution of the work.

The right to accept or reject any or all proposals or any part thereof is reserved.

C. H. WEST,
1-1t Chief Engineer.

140-MILLION GALLON RESERVOIR.

Sealed proposals will be received up to 10 A. M., July 19th, for the construction of Cobb's Hill Reservoir in connection with the Rochester Water-Works. The principal items are 800,000 cubic yards Earth Excavation, 50,000 cubic yards Concrete.

Plans may be seen and specifications obtained at the office of the City Engineer, City Hall.

F. X. PIFER,
Clerk of Board of Contract & Supply,
1-2t 28 City Hall, Rochester, N. Y.

COUNTY JAIL.

Newport, Ark.

Sealed bids will be received until noon, July 29th, 1905, to erect a new jail at Newport, Jackson County, Arkansas. For particulars address ALCORN FERGUSON, Commissioner, or E. L. BOYCE, County Judge, Newport, Arkansas. 1-2t

OFFICE OF THE BUILDING COMMITTEE, U. S. Department of Agriculture, Washington, D. C., June 28, 1905.—Sealed proposals in triplicate will be received at this office until 2 o'clock p. m., August 1, 1905, and then opened for the construction of a sewer for the new Buildings for the Department of Agriculture, in accordance with the plans and specifications, copies of which may be obtained at the office of the Supervising Engineer. The right is reserved to reject any or all bids, as may be deemed for the best interests of the United States. B. T. GALLOWAY, Chairman. 1-4t

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 29th, 1905.—Sealed proposals will be received at this office until three o'clock P. M. on the 27th day of July, 1905, and then opened, for the extension and changes incidental thereto, of the low pressure and exhaust steam heating, mechanical ventilating apparatus, ash hoist, etc., in the U. S. Post Office and Court House at Kansas City, Missouri, in accordance with the drawings and specifications, copies of which may be had at this office or at the office of the Superintendent at Kansas City, Missouri, at the discretion of the Supervising Architect. JAMES KNOX TAYLOR, Supervising Architect. 1-2t

OFFICE OF THE COMMISSIONERS, D. C., Washington, D. C., July 1, 1905.—Sealed proposals will be received at this office until 12 o'clock M., July 24, 1905, to construct a portion of the Sewage Disposal System, Four-and-a-half Street High Level Intercepting Sewer in the District of Columbia. Specifications and blank forms of proposal may be obtained at this office. The right is reserved to reject any and all bids or parts of bids. HENRY B. F. MACFARLAND, JOHN BIDDLE, Commissioners, D. C. 1-2t